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MARYLAND

State of Maryland

VITAL

Center for Health Statistics

STATISTICS

Department of Health and Mental Hygiene

ANNUAL REPORT

1981

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Maryland Center for Health Statistics
Department of Health and Mental Hygiene
201 West Preston Street
Baltimore, Maryland 21201

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HIGHLIGHTS OF THE 1981 VITAL STATISTICS IN MARYLAND

Population

Population in the State of Maryland has continued to increase. By July 1, 1981, an estimated 4,255,400 people resided in the State. This represented an additional 38,425 people since the latest census count on April 1, 1980, an increase of almost one percent.

Baltimore City, still Maryland's most populous subdivision, continued to decline in population. Since the latest census, this subdivision's population has decreased by 1.4 percent. This represents a drop of 10,675 people since the 1980 census; the rate of decrease for the City, however, appears to be leveling off. Baltimore City's population can be expected to reach a plateau by the end of this decade. Prince George's continues to be Maryland's most populous county with Baltimore County ranking second.

From 1970 to 1980, Howard County had been Maryland's subdivision of greatest growth. Since April 1, 1980, however, Howard County has increased only 5.3 percent, ranking it third throughout the State in percent increase. Calvert and Charles Counties have become the two subdivisions of most rapid increase. Since the latest census, Calvert County's growth rate was 6.7 percent and Charles County 6.1 percent. Greatest growth for these counties was experienced in the 18-to-64 year age group. Total growth of approximately 2,300 in Calvert County and 4,400 in Charles County have both contributed to an overall increase of 4.0 percent in Maryland's Southern Area, the area of Maryland which has grown most rapidly since the census.

Overall, Maryland's greatest growth since 1980 has occurred in the very young age group. A 6.7 percent increase in the 1-to-4 year age category, and the 1.6 percent increase in the under one year olds can be attributed to increases in the birth rate and the fertility rate throughout the State over the past three years. These increases are also consistent with nationwide statistics, where, for the first time since 1971, the births have again risen above 3.5 million. In contrast to this recent rise, the steep decline in the birth rate which occurred during the 1960's and early 1970's continues to affect the 5-to-17 year age group. Since the 1980 count, this group has declined by more than 23,000 or 2.6 percent, a factor readily reflected in the elementary school enrollments which declined during the 1970's. With recent increases in the preschool population, these enrollments may be expected to increase in the near future. In the 18 years and older groups, several factors nationwide are consistent within the State of Maryland. The 18-to-44 year age group continues to increase as the postwar baby boom continues to affect the 35-to-44 year age group. The result in 1981 is a 2.1 percent increase since 1980. By contrast, the population in ages 45-to-54 is declining slightly as a result of the decline in births during the Depression years. Those 65 years of age and older, nonetheless, continue to rise. The 2.6 percent increase in this age group demonstrates the higher life expectancies of present day.

The substantial shift in the racial composition of Maryland's population which occurred between the 1970 and 1980 censuses appears to be leveling off. Although nationwide, the black population is growing more rapidly than the white population, this is not the case in Maryland. Since the 1980 census, the white population has increased by 1.0 percent while the all other races population, which in Maryland is primarily black, has grown 0.7 percent.

Births

In 1981, resident live births totalled 61,584. This represented an increase of almost three percent from the total of 59,833 for 1980, and the highest number of births since 1972. The crude birth rate, 14.5 per 1,000 population, was two percent higher than the rate of 14.2 recorded in 1980. The white birth rate increased 1.6 percent from 12.8 to 13.0; while the rate for all other races rose 3.8 percent from 18.3 to 19.0 per 1,000 population.

Births increased in all political subdivisions except Washington, Calvert, Cecil, Caroline, and Somerset counties. Birth rates increased for 19 of the 24 political subdivisions. The highest birth rate, 18.3, occurred in Saint Mary's County, while the lowest rate occurred in Queen Anne's County (11.9). In the Baltimore Metro Area, Baltimore City's rate of 16.1 was the highest, while Baltimore County's rate of 12.2 was the lowest.

The general fertility rate was 58.4 births per 1,000 women age 15-44, a 1.7 percent increase from the 57.4 of 1980. Fertility rates increased less than one percent for white women, and 4.3 percent for women of all other races. Fertility rates were highest for Saint Mary's County (74.9) and lowest for Baltimore County (50.9).

Between 1980 and 1981, age-specific birth rates increased for all age groups except the 15-19 and 45-49. Birth rates for women age 15-19 were highest in Baltimore City (79.0) and lowest in Montgomery County (15.8). For women age 30-34, Montgomery County had the highest rate (84.9), and Somerset County the lowest (43.5).

Birth Rates* by Age of Mother and Fertility Rates**
1960, 1970, 1973, 1978, 1980, 1981

Age of Mother	1960	1970	1973	1978	1980	1981
15 - 19	98.6	68.6	48.8	41.3	43.6	40.7
20 - 24	254.8	145.3	92.9	82.1	91.7	94.9
25 - 29	199.3	132.7	98.9	93.0	95.9	102.1
30 - 34	114.5	67.0	50.9	56.4	58.9	63.3
35 - 39	54.2	28.6	16.7	16.8	16.9	18.4
40 - 44	15.0	6.4	3.7	2.7	2.5	2.9
45 - 49	0.6	0.4	0.2	0.2	0.2	0.2
Fertility Rate	118.5	81.3	57.3	54.1	57.4	58.4

*Births per 1,000 Women in Specified Age Group.
**Births per 1,000 Women Aged 15-44.

Birth Order

The number of children born alive to the mother is referred to as the birth order. Statistics on birth order are aids in understanding changes in fertility. The following table illustrates the changing pattern of birth order rates since 1971. Between 1980 and 1981 the birth rate increased for the first four birth orders.

Birth Rates* by Live Birth Order
1970-1981

Year	General Fertility Rate	Live Birth Order 1	2	3	4	5	6	7	8 and over
1970	81.3	32.5	22.9	12.4	6.3	3.3	1.7	0.9	1.3
**1971	76.7	31.2	22.4	11.5	5.7	2.8	1.5	0.7	1.0
**1972	68.4	29.0	20.8	9.6	4.5	2.1	1.1	0.6	0.7
1973	57.3	25.6	18.0	7.6	3.2	1.4	0.7	0.3	0.5
1974	55.6	24.8	18.0	7.4	2.9	1.2	0.5	0.3	0.3
1975	53.8	24.0	17.7	7.3	2.7	1.1	0.5	0.2	0.3
1976	53.1	24.2	17.6	7.0	2.5	1.0	0.4	0.2	0.2
1977	55.3	25.4	18.1	7.6	2.5	0.9	0.4	0.2	0.2
1978	54.1	25.2	17.6	7.2	2.4	0.9	0.4	0.2	0.2
1979	56.1	26.2	18.3	7.5	2.4	0.9	0.4	0.2	0.2
1980	57.4	27.0	17.8	7.2	2.3	0.8	0.3	0.1	0.2
1981	58.4	27.6	18.3	7.4	2.5	0.9	0.3	0.1	0.1

*Rates are Live Births per 1,000 Women Aged 15-44.

**Rates for 1971 and 1972 Computed Using 1970 Census Population.

Age of Mother at First Birth

Between 1980 and 1981, birth rates for women having their first child increased for all age groups between 15 and 39 except the group aged 15-19.

Birth Rates by Age of Mother
Maryland, 1970-1981
First Birth Order

	Age of Mother 15-19	20-24	25-29	30-34	35-39
1970	53.8	70.3	32.7	7.2	2.1
1971	52.0	65.9	32.9	7.4	2.0
1972	48.6	56.0	34.8	8.2	1.9
1973	39.5	47.0	32.4	8.5	1.8
1974	37.3	44.0	33.3	8.8	2.1
1975	35.2	42.6	32.3	9.2	1.9
1976	35.2	41.6	33.6	10.3	2.2
1977	35.6	43.4	35.9	12.3	2.5
1978	33.7	43.7	36.3	13.2	2.8
1979	35.8	48.7	37.8	13.6	3.8
1980	35.7	50.5	39.6	14.7	2.9
1981	32.9	51.7	42.8	16.7	3.2

Changes in the age distribution for women having their first child is evidenced by the differences in rates by age of mother between 1970 and 1981. Between 1970 and 1981, rates for the 15-19 age group and the 20-24 age group declined 38.8 and 26.5 percent respectively; while the rates for the 25-29 groups increased 30.9%, for the 30-34 group 131.9%, and for the 35-39, 52.4%.

Births to Unmarried Women

Of the 61,584 resident births in 1981, 16,771 (27.2%) were estimated to be births to unmarried women. Thirteen percent of white births, and 56.4 percent of births to women of all other races were to unmarried women. Nationally, the percent of births to unwed mothers was 18.9 percent for all births, 11.6 percent for white births, 48.5 percent for all other races, and 55.9 percent for black births.

Hospitalization and Attendant at Births

In 1981 as in 1980, 99.2 percent of all births occurred in hospitals. Ninety-nine percent of these births were attended by physicians. Of the 486 births not occurring in a hospital, 31.1 percent were attended by a physician, 48.1 percent by a certified nurse midwife, and 20.8 percent by others.

Birth Weight

Birth weight data is used to determine the level of maturity of the newborn. In 1979, the definition of low birth weight in this report was changed to agree with that used by the National Center for Health Statistics. Infants weighing less than 2500 grams are designated as being of "low birth weight". The previous definition included the 2500 grams in the low birth weight category.

In 1981, 7.7 percent of all live births were in the low birth weight category. Of all white births during 1981, 5.7 percent were of low birth weight. Of all other births, 11.6 percent were of low birth weight.

Nationally, 6.8 percent of all live births, 5.7 percent of white births, and 11.4 percent of all other births were of low birth weight.

Length of Gestation

In keeping with the National Center for Health Statistics' tabulations, as a result of the implementation of the ninth revision of the International Classification of Diseases, the categories for gestational length were changed in 1979. Delivery prior to 37 weeks is classified as pre-term. In 1981, 7.8 percent of white births and 16.1 percent of births of all other races occurred prior to 37 weeks. Births occurring at 42 weeks and over are classified as post-term. In 1981, 15.6 percent of all births were post-term.

Prenatal Care

During 1981, 79.7 percent of Maryland resident mothers reporting onset of prenatal care appeared for their first prenatal visit in the first trimester. The proportion with no prenatal care was less than one percent. In 1981, 84.8 percent of white mothers began prenatal care during the first trimester, compared to 69.0 percent of mothers of all other races. Nationally in 1981, 79.0 percent of white mothers and 61.6 percent of mothers of all other races began prenatal care during the first trimester of their pregnancies.

Deaths

During 1981, there were 33,958 resident deaths, a decrease of less than one percent from the 1980 total of 34,025. The crude death rate fell to 8.0 per 1,000 population, a 1.2 percent decrease from the rate of 8.1 in 1980.

Age-adjusted rates which allow examination of death rates while controlling the influence of changes in age distributions in the population showed dramatic declines between 1970 and 1981. The 1981 age-adjusted death rate was 6.0 per 1,000 population, and was 20 percent lower than the rate of 7.5 per 1,000 occurring in 1970.

Deaths by Cause

In 1979, the ninth revision of the International Classification of Diseases was first used for coding the underlying cause-of-death. The eighth revision had been in use between 1969 and 1978. Because of coding changes in certain categories of causes of death, comparisons between the 1981 data and data earlier than 1979 should only be made with reference to coding changes. The National Center for Health Statistics has published comparability ratios for mortality data.*

The leading causes of death in 1981 are listed below.

Leading Causes of Death, Maryland, 1981

Rank	Cause	Crude Death Rate per 100,000 Population	Percent of Total Deaths
1	Diseases of Heart	300.4	37.6
2	Malignant Neoplasms	190.4	23.9
3	Cerebrovascular Disease	53.4	6.7
4	Accidents and Adverse Effects	33.6	4.2
	Motor Vehicle Accidents	18.9	2.4
	All Other Accidents	14.7	1.8
5	Chronic Obstructive Pulmonary Diseases	22.6	2.8
6	Pneumonia and Influenza	17.2	2.2
7	Diabetes Mellitus	14.4	1.8
8	Suicide	11.5	1.4
9	Certain Conditions Originating in the Perinatal Period	10.7	1.3
10	Chronic Liver Disease and Cirrhosis	10.4	1.3
11	Homicide	10.3	1.3

*"Estimates of Selected Comparability Ratios Based on Dual Coding of 1976 Death Certificates by the Eighth and Ninth Revisions of the International Classification of Diseases," Monthly Vital Statistics Report, DHEW Publication No. (PHS) 80-1120, Vol. 28, No. 11, Feb. 1980.

Age-Adjusted* Death Rates** for Leading Causes*** of Death, Maryland 1980 and 1981

1981 Rank	Cause of Death	1980	1981	Percent Change 1980-1981
	All Causes	609.7	595.3	- 2.4
1	Diseases of Heart	216.0	208.3	- 3.6
2	Malignant Neoplasms	149.2	151.3	+ 1.4
3	Cerebrovascular Disease	36.4	34.2	- 6.0
4	Accidents and Adverse Effects	33.3	30.8	- 7.5
	Motor Vehicle Accidents	18.5	18.2	- 1.6
	All Other Accidents	14.7	12.6	-14.3
5	Chronic Obstructive Pulmonary Diseases	15.7	16.5	+ 5.1
6	Pneumonia and Influenza	11.4	10.2	-10.5
7	Diabetes Mellitus	12.4	10.6	-14.5
8	Suicide	10.9	11.0	+ .9
10	Chronic Liver Disease and Cirrhosis	10.7	9.6	-10.3
11	Homicide	10.0	10.1	+ 1.0

*Rates Adjusted to the U.S. 1940 Population by the Direct Method.
**Per 100,000 Population.
***Age-Adjusted Rate Not Calculated for the Ninth Ranked Cause-of-Death, Certain Conditions Originating in the Perinatal Period.

Between 1980 and 1981, the first seven leading causes of death kept the same rankings. During this period, a drop of 11% in the crude death rate for chronic liver diseases and cirrhosis moved it from eighth to tenth place in the rankings. Suicide moved from ninth to eighth, but th crude death rate (11.5) remained the same in 1981 as in 1980. Certain conditions originating in the perinatal period changed from tenth to ninth place, despite a decrease of 5 percent in the crude death rate.

Among the major causes of deaths, age-adjusted rates for diseases of the heart, cerebrovascular disease, accidents, pneumonia and influenza, diabetes mellitus and chronic liver disease and cirrhosis showed declines between 1980 and 1981. Rates for malignant neoplasms, chronic obstructive pulmonary disease, suicide, and homicide all showed increases. The largest increase occurred in chronic obstructive pulmonary diseases (+5.1%), while the greatest decrease occurred in cerebrovasular disease (-6.0%).

The age-adjusted rate for diseases of the heart, the leading cause of death decreased 2.4 percent between 1980 and 1981. The 1970 rate of 284.1 was 26.7 percent higher than the 1981 rate of 208.3.

The second leading cause of death, malignant neoplasms, accounted for 23.9 percent of the total deaths in 1981. Between 1980 and 1981, age-adjusted rates for malignant neoplasms of the digestive organs and breast cancer increased, while rates for malignant neoplasms of the respiratory and intrathoracic organs and leukemia decreased.

Age-Adjusted* Death Rates** for Selected Types of Malignant Neoplasms, Maryland, 1970, 1980, 1981

Cause of Death	1970	1980	1981
Total Malignant Neoplasms	148.0	149.2	151.3
Malignant Neoplasms of Digestive Organs and Peritoneum	39.0	36.4	37.7
Malignant Neoplasms of Respiratory and Intrathoracic Organs	36.4	42.9	42.7
Malignant Neoplasms of Breast	13.0	13.4	14.4
Leukemia	6.2	5.4	4.9

*Rates Adjusted to the U.S. 1940 Population by the Direct Method.
**Per 100,000 Population.

Cerebrovascular disease accounted for 6.7 percent of all deaths in 1981. Between 1980 and 1981, the age-adjusted rate declined six percent. Between 1970 and 1981 the age-adjusted rate fell 37 percent.

In 1981, 1,431 residents died as a result of accidents. The age-adjusted death rate for motor vehicle accidents decreased by 1.6 percent, while the rate for all other accidents fell 14.3%.

Chronic obstructive pulmonary diseases, the fifth leading cause of death in 1981, accounted for 2.8 percent of all deaths. The age-adjusted rate increased five percent between 1980 and 1981.

Pneumonia and influenza accounted for 2.2 percent of all deaths in 1981. Age-adjusted death rates for penumonia and influenza decreased 10.2 percent between 1980 and 1981.

During 1981, 444 residents died of chronic liver disease and cirrhosis. The age-adjusted rate declined to 9.6 per 100,000 population, a 10.3 percent decline from the rate of 10.7 occurring in 1981.

Suicide ranked as the eighth leading cause of death in 1981. The age-adjusted death rate increased less than one percent between 1980 and 1981.

Certain conditions originating in the perinatal period ranked as the ninth leading cause of death in 1981. The crude death rate fell from 11.3 per 100,000 in 1980 to 10.7 in 1981, a 5.3 percent decrease. This was reflected in a large decrease in the infant mortality rate.

Homicide was again the eleventh leading cause of death for the total population. The age-adjusted rate showed an increase of one percent.

Deaths by Age, Race and Sex

Age-Adjusted* Death Rates** by Race and Sex, Maryland 1980 and 1981

	1980	1981	% Change
All Races	6.1	6.0	-1.6
Male	8.0	7.8	-2.5
Female	4.6	4.5	-2.2
White	5.7	5.5	-3.5
Male	7.5	7.3	-2.7
Female	4.3	4.2	-2.3
All Other Races	7.6	7.6	-
Male	10.1	9.9	-2.0
Female	5.7	5.7	-

*Rates Adjusted to the 1940 Total U.S. Population by the Direct Method.
**Per 1,000 Population.

Age-adjusted death rates for males was 73 percent higher than that of females. Rates for all other races were 38 percent higher for both males and females. Between 1980 and 1981, age-adjusted rates decreased for all groups except females of all other races which stayed the same.

Death Rates* by Age, Maryland 1980 and 1981

	1980	1981	% Change
All Ages	805.6	798.0	- .9
Under 1	1433.9	1325.8	- 7.5
1 - 4	50.0	55.2	+10.4
5 - 14	24.9	23.1	- 7.2
15 - 24	107.9	101.3	- 6.1
25 - 34	132.6	129.1	- 2.6
35 - 44	208.1	214.4	+ 3.0
45 - 54	592.5	587.5	- 0.8
55 - 64	1444.3	1425.6	- 1.3
65 - 74	3258.3	3289.7	+ 1.0
75 - 84	7060.6	6643.2	- 5.9
85+	16015.9	14578.5	- 9.0

*Rates per 100,000 Population.

Between 1980 and 1981, age-specific death rates declined for all age groups except those 1-4, 35-44, and 65-74.

Infant Deaths

The infant mortality rate in 1981 was 12.8 deaths under one year per 1,000 live births, a 9.2 percent decrease from the rate of 14.1 of 1980, and the lowest rate on record in Maryland. For the white population, the rate dropped to

10.6. For all other races, the rate declined to 17.3. For both groups these represented the lowest rates on record for Maryland residents.

Neonatal mortality rates likewise dropped to their lowest values ever recorded for all races (9.4), white (7.8) and all other races (12.6).

Maternal Deaths

There were 4 maternal deaths during 1981. In 1980 3 deaths due to complications of pregnancy, child birth and the puerperium occurred.

Marriages

Trend

There were 47,128 marriages performed in the State of Maryland in 1981, an increase of 1.8 percent over the 46,278 which occurred in 1980. This was well above the national increase of one percent for the same year.

Resident Status

Marriages in which one or both partners were residents of the State represented 79.5 percent of the total number performed in Maryland. The remaining 20.5 percent, or 9,647, of the ceremonies involved couples who were both non-residents of Maryland. For these non-resident marriages, 64.7 percent occurred in either Cecil, Montgomery, Prince George's, or Washington Counties.

Civil and Religious Ceremonies

In 1981, 36.3 percent of all marriages performed in Maryland were civil (non-religious) ceremonies. For the entire State, Prince George's County performed more civil ceremonies than any other political subdivision. The 2,747 civil ceremonies performed in this county accounted for 16.1 percent of all such ceremonies in the State. When the number of civil vs. religious ceremonies within a particular subdivision was examined, Cecil County ranked the highest and Dorchester County the lowest. The 2,329 civil ceremonies performed in Cecil County comprised 62.7 percent of all the marriages in that county while the 23 performed in Dorchester County only represented 9.5 percent there.

Marriages by Previous Marital Status and Age

In 1981, 53.8 percent of all marriages were first-time marriages for both the bride and groom. On an individual basis, though, 66.6 percent of the brides and 64.6 percent of the grooms were marrying for the first time.

In terms of age, the 25-29 year age group was the modal age group for both brides and grooms in all marriages. For those marrying the first time, 25.0 percent of the brides and 10.1 percent of the grooms were less than 20 years of age; 96.1 percent of the brides and 93.4 percent of the grooms were under 35 years of age. For those who were remarrying, 8.0 percent of the brides and 13.1 percent of the grooms were 55 years of age or older.

Divorces

The total number of divorces and annulments granted in the State of Maryland in 1981 was 17,150. This represented a decrease of two percent, an inconsistency with national statistics which showed divorces rising for the nineteenth consecutive year.

The leading grounds for all divorces and annulments was voluntary separation. Voluntary separation accounted for 72.2 percent of all divorces and annulments while three year separations and desertion accounted for 15.7 and 5.9 percent respectively.

The number of children under 18 years of age involved in divorce, has, unlike national statistics, declined in Maryland. In 1981, 45.9 percent of the divorces for which information on children was available reported no children. This was an increase of 1.5 percent over the 1980 figure. In addition, only 29.9 percent had one child under 18 years of age while 24.8 percent reported two or more children. Both figures represented declines over the 1980 figures. In all, more than 14,478 children under 18 years of age were involved in broken homes during 1981.

DEFINITIONS AND EXPLANATORY NOTES

The data contained in this report are presented on a residence basis, regardless of where the vital event occurred, unless specifically noted otherwise. Information on marriages and divorces is limited only to events occurring in Maryland.

I. DEFINITIONS

The definitions of some of the more frequently used terms in this report are as follows:

A. Live Birth: The complete expulsion or extraction form its mother of a product of human conception, irrespective of the period of gestation, which, after such separation, breathes or shows any other evidence of life, such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscle, whether or not the umbilical cord has been cut or the placenta is attached.

B. Fetal Death: Death prior to the complete expulsion or extraction from its mother of a product of human conception, irrespective of the duration of pregnancy; the death is indicated by the fact that after such separation, the fetus does not breathe or show any other evidence of life, such as beating of the heart, pulsation of the umbilical cord or definite movement of voluntary muscles.

C. Infant Death: Death occurring to a person under age one.

D. Neonatal Death: Death occurring to a person under 28 days of age.

E. Perinatal Deaths: Death occurring after 20 weeks of gestation but before 28 days after birth. The perinatal deaths included in this report are, therefore, the sum of the reportable fetal deaths (fetal deaths after 20 weeks gestation) and the neonatal deaths.

F. Low-weight Birth: A live birth weighing 2,500 grams (5 1/2 pounds) or less.

G. Length of Pregnancy: A measure of the duration of gestation in completed weeks, as calculated from the first day of the last normal menstrual period to the date of birth.

H. Birth Rate: Number of live births per 1,000 population.

I. Death Rate: Number of deaths from all causes per 1,000 population. Death rates for specific causes are per 100,000 population.

J. Infant Mortality Rate: Number of infant deaths per 1,000 live births.

K. Fetal Mortality Rate: Number of reportable fetal deaths per 1,000 total births. Total births include live births plus fetal deaths of twenty weeks gestation or more.

L. Neonatal Mortality Rate: Number of neonatal deaths per 1,000 live births.

M. Perinatal Mortality Rate: Number of perinatal deaths per 1,000 total births. Total births include live births plus fetal deaths of twenty weeks gestation or more.

N. Age-adjusted Death Rate: The age-adjusted rates were computed by the direct method. The age-specific death rates for a given cause of death were applied to the standard U.S. population of 1940. The rates were based on 5 year age groups. Age-adjusted rates should not be compared directly with crude death rates.

O. Maternal Mortality Rate: Number of maternal deaths per 100,000 live births.

The definition of terms A and B are set by law in Section 14 (a) of Article 43 of the Maryland Code, 1957 Edition - Supplement. However, fetal deaths are reportable for filing purposes only if the death occurs after a gestation period of twenty completed weeks or more (Section 21 (a) of Article 43 supra). Therefore, the fetal deaths included in this report cover only those of twenty or more weeks of gestation.

II. EXPLANATORY NOTE ON POPULATION ESTIMATION

The population estimate for the entire State of Maryland for July 1, 1981, used in this report corresponds with that published by the U.S. Bureau of the Census in Current Population Reports, Series P-25, No. 699.

The subdivision estimates for July 1, 1981, in this report were prepared jointly by the Center for Health Statistics, Maryland State Department of Health and Mental Hygiene and the U.S. Bureau of the Census. These subdivision estimates for 1981 are computed as an average of the following methods.

(1) The Regression (Ratio-correlation) method. In the Regression method a multiple regression equation is used to relate changes in a number of different data series to change in population distribution. The series of data used in the Regression method for Maryland are: two-year average of resident births (X_1), elementary school enrollment in grades 1 through 8 plus elementary special and elementary ungraded (X_2), automobile registrations (X_3), and individual State income tax returns (X_4). The regression equation for the 1980's is given by

$$\hat{Y} = 0.124 + 0.155X_1 + 0.227X_2$$

$$+ 0.179X_3 + 0.324X_4$$

(2) The Administrative Records method. This is a component method that uses Federal tax data to measure the net intercounty migration of the nongroup quarters population under 65 years old, reported resident birth and death statistics to estimate net natural change, and data on Medicare enrollees to estimate the population 65 years old and over. Tax data are used in the base year and the estimate year to determine the number of persons whose county of residence changed

during the period. A net migration rate based on exemptions claimed by the matched cases is applied to the nongroup quarters population under 65 years old. These estimates of migration are then combined with the independent estimates of the population 65 years old and over, inmates of institutions, college students in dormitories, military personnel living in barracks, and the other components of population change (births, deaths, immigration from abroad, and net movement between the military and civilian population) to yield an overall estimate of the total population.

(3) State Income Tax Return method. The sum of persons filing individual Maryland Resident income tax returns plus their spouses are used to estimate the total population 18 years old and over. These estimates, for each subdivision, are then combined with independent estimates of the population under 18 years old to yield estimates of the total population.

The population under 5 years, 5-17 years, and 65 years of age by race and sex is estimated by the Center for Health Statistics as follows:

The population 5-17 years of age is estimated on the basis of migration rates calculated from school enrollment data (by age, race, and grade) supplied by the Maryland State Department of Education and applied to the "expected" population 5-17 years of age on July 1, 1981. The "expected" population consists of 1980 census survivors and survivors of births occurring between the date of the census and the estimate date. Race breakdowns are based on changes in public school enrollment of all other races as a proportion of all enrollment since the 1980 census.

The population under 5 years of age is estimated by race on the basis of adjusted net migration rates for the school age population applied to the "expected" population under 5 years of age on July 1, 1981. The "expected" population consists of 1980 census survivors and survivors of births occurring between the date of the census and the estimate date (including corrections for "migration exposure").

The population 65 years of age and over is estimated on the basis of data on Medicare enrollments by race and sex supplied by the Social Security Administration, U.S. Department of Health, Education and Welfare. The data are adjusted by the ratio between Medicare enrollments estimated for April 1, 1980, and 1980 census populations in the age group 65 and over.

The Center for Health Statistics estimates the population 18-44 and 45-64 as well more detailed age groups in each subdivision by race as follows:

Age and race-specific driver license statistics for males obtained from the Maryland Department of Motor Vehicles are used to estimate the male population aged 18 to 64 years in several stages: 18 to 24, 25 to 34, etc. Sex ratios, based on the 1980 census, are used to estimate the female population. These estimates of the 18-64 population are then adjusted so that the sum of all age groups in each subdivision equals the population estimate for the subdivision. Various adjustments for changes among "special" groups of persons, i.e., those in institutions, in the armed forces, or spouses of members of the armed forces, are utilized in estimating the various age groups before adjustments are made to the final subdivision estimate.

POPULATION

TABLE 1. ESTIMATED MARYLAND POPULATION BY RACE, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981, WITH COMPARABLE 1980 CENSUS FIGURES

Region and Political Subdivision	ESTIMATED POPULATION, JULY 1, 1981					Census (April 1 1980)
	Total	White		All Other Races		
		Number	Percent	Number	Percent	
Maryland State	4,255,400	3,190,340	75.0	1,065,060	25.0	4,216,975
Northwest Area	340,570	326,440	95.8	14,130	4.2	334,924
Garrett	27,380	27,240	99.5	140	0.5	26,498
Allegany	80,230	78,750	98.2	1,480	1.8	80,548
Washington	112,560	107,320	95.3	5,240	4.7	113,086
Frederick	120,400	113,130	94.0	7,270	6.0	114,792
Baltimore Metro Area	2,182,420	1,593,290	73.0	589,130	27.0	2,174,023
Baltimore City	776,100	338,590	43.6	437,510	56.4	786,775
Baltimore County	658,390	591,900	89.9	66,490	10.1	655,615
Anne Arundel	376,200	326,770	86.9	49,430	13.1	370,775
Carroll	100,270	96,630	96.4	3,640	3.6	96,356
Howard	124,890	107,010	85.7	17,880	14.3	118,572
Harford	146,570	132,390	90.3	14,180	9.7	145,930
National Capital Area	1,257,620	891,000	70.9	366,620	29.1	1,244,124
Montgomery	590,530	505,150	85.5	85,380	14.5	579,053
Prince George's	667,090	385,850	57.8	281,240	42.2	665,071
Southern Area	173,980	138,840	79.8	35,140	20.2	167,284
Calvert	36,950	28,740	77.8	8,210	22.2	34,638
Charles	77,200	60,600	78.5	16,600	21.5	72,751
Saint Mary's	59,830	49,500	82.7	10,330	17.3	59,895
Eastern Shore Area	300,810	240,770	80.0	60,040	20.0	296,620
Cecil	61,200	57,670	94.2	3,530	5.8	60,430
Kent	16,930	13,070	77.2	3,860	22.8	16,695
Queen Anne's	26,760	22,460	83.9	4,300	16.1	25,508
Caroline	23,340	19,330	82.8	4,010	17.2	23,143
Talbot	26,780	21,070	78.7	5,710	21.3	25,604
Dorchester	30,400	21,260	69.9	9,140	30.1	30,623
Wicomico	64,890	50,240	77.4	14,650	22.6	64,540
Somerset	19,030	12,460	65.5	6,570	34.5	19,188
Worcester	31,480	23,210	73.7	8,270	26.3	30,889

TABLE 2A. ESTIMATED MARYLAND TOTAL POPULATION BY AGE GROUP, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981

Region and Political Subdivision	All Ages	TOTAL POPULATION BY AGE					
		Under 1	1 - 4	5 - 17	18 - 44	45 - 64	65+
Maryland State	4,255,400	59,660	228,170	871,870	1,844,520	844,780	406,400
Northwest Area	340,570	4,580	17,400	67,520	140,880	70,110	40,080
Garrett	27,380	400	1,550	5,890	10,930	5,370	3,240
Allegany	80,230	970	3,280	14,060	30,130	19,180	12,610
Washington	112,560	1,390	5,360	21,850	46,340	23,920	13,700
Frederick	120,400	1,820	7,210	25,720	53,480	21,640	10,530
Baltimore Metro Area	2,182,420	30,420	115,850	438,070	929,420	443,850	224,810
Baltimore City	776,100	12,150	44,340	155,270	308,710	154,570	101,060
Baltimore County	658,390	7,800	31,530	122,280	275,300	149,710	71,770
Anne Arundel	376,200	5,400	20,760	78,900	173,040	71,910	26,190
Carroll	100,270	1,330	4,750	20,730	45,060	18,860	9,540
Howard	124,890	1,710	6,660	27,450	60,950	21,700	6,420
Harford	146,570	2,030	7,810	33,440	66,360	27,100	9,830
National Capital Area	1,257,620	17,860	67,960	263,870	578,710	238,720	90,500
Montgomery	590,530	7,420	29,570	120,510	253,860	126,100	53,070
Prince George's	667,090	10,440	38,390	143,360	324,850	112,620	37,430
Southern Area	173,980	2,840	11,800	44,090	76,640	27,180	11,430
Calvert	36,950	570	2,270	8,650	15,840	6,640	2,980
Charles	77,200	1,200	5,030	20,140	34,900	11,660	4,270
Saint Mary's	59,830	1,070	4,500	15,300	25,900	8,880	4,180
Eastern Shore Area	300,810	3,960	15,160	58,320	118,870	64,920	39,580
Cecil	61,200	820	3,580	14,720	24,570	11,760	5,750
Kent	16,930	200	730	2,900	6,650	3,850	2,600
Queen Anne's	26,760	350	1,330	4,910	11,010	5,990	3,170
Caroline	23,340	340	1,200	4,720	9,000	4,890	3,190
Talbot	26,780	320	1,190	4,500	9,920	6,280	4,570
Dorchester	30,400	380	1,460	5,690	11,130	6,870	4,870
Wicomico	64,890	900	3,290	12,020	27,100	13,630	7,950
Somerset	19,030	260	910	3,390	7,120	4,330	3,020
Worcester	31,480	390	1,470	5,470	12,370	7,320	4,460

TABLE 2B. ESTIMATED MARYLAND WHITE POPULATION BY AGE GROUP, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981

Region and Political Subdivision	All Ages	WHITE POPULATION BY AGE					
		Under 1	1 - 4	5 - 17	18 - 44	45 - 64	65+
Maryland State	3,190,340	40,310	155,370	603,450	1,363,390	684,670	343,150
Northwest Area	326,440	4,310	16,510	64,510	133,680	68,330	39,100
Garrett	27,240	400	1,530	5,860	10,870	5,350	3,230
Allegany	78,750	940	3,190	13,720	29,490	18,940	12,470
Washington	107,320	1,310	5,080	21,010	43,000	23,500	13,420
Frederick	113,130	1,660	6,710	23,920	50,320	20,540	9,980
Baltimore Metro Area	1,593,290	19,770	76,110	294,840	675,010	345,700	181,860
Baltimore City	338,590	4,100	14,790	49,680	127,210	77,030	65,780
Baltimore County	591,900	6,680	26,720	105,270	242,660	141,490	69,080
Anne Arundel	326,770	4,480	17,490	67,230	149,860	64,660	23,050
Carroll	96,630	1,290	4,600	19,960	43,320	18,250	9,210
Howard	107,010	1,460	5,610	22,670	52,350	19,170	5,750
Harford	132,390	1,760	6,900	30,030	59,610	25,100	8,990
National Capital Area	891,000	11,150	41,710	165,680	396,650	195,390	80,420
Montgomery	505,150	5,950	23,490	97,730	214,460	113,770	49,750
Prince George's	385,850	5,200	18,220	67,950	182,190	81,620	30,670
Southern Area	138,840	2,190	9,480	33,870	62,260	21,920	9,120
Calvert	28,740	410	1,760	6,380	12,470	5,310	2,410
Charles	60,600	930	3,980	15,330	27,920	9,160	3,280
Saint Mary's	49,500	850	3,740	12,160	21,870	7,450	3,430
Eastern Shore Area	240,770	2,890	11,560	44,550	95,790	53,330	32,650
Cecil	57,670	770	3,380	13,770	23,130	11,170	5,450
Kent	13,070	150	550	2,030	5,190	3,040	2,110
Queen Anne's	22,460	280	1,100	4,090	9,370	5,020	2,600
Caroline	19,330	260	980	3,760	7,520	4,080	2,730
Talbot	21,070	220	880	3,330	7,750	5,140	3,750
Dorchester	21,260	220	880	3,440	7,850	5,110	3,760
Wicomico	50,240	610	2,330	8,630	21,250	10,920	6,500
Somerset	12,460	140	530	1,920	4,540	3,120	2,210
Worcester	23,210	240	930	3,580	9,190	5,730	3,540

TABLE 2C. ESTIMATED MARYLAND POPULATION, ALL OTHER RACES, BY AGE GROUP, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981

Region and Political Subdivision	All Ages	ALL OTHER RACES POPULATION BY AGE					
		Under 1	1 - 4	5 - 17	18 - 44	45 - 64	65+
Maryland State	1,065,060	19,350	72,800	268,420	481,130	160,110	63,250
Northwest Area	14,130	270	890	3,010	7,200	1,780	980
Garrett	140	-	20	30	60	20	10
Allegany	1,480	30	90	340	640	240	140
Washington	5,240	80	280	840	3,340	420	280
Frederick	7,270	160	500	1,800	3,160	1,100	550
Baltimore Metro Area	589,130	10,650	39,740	143,230	254,410	98,150	42,950
Baltimore City	437,510	8,050	29,550	105,590	181,500	77,540	35,280
Baltimore County	66,490	1,120	4,810	17,010	32,640	8,220	2,690
Anne Arundel	49,430	920	3,270	11,670	23,180	7,250	3,140
Carroll	3,640	40	150	770	1,740	610	330
Howard	17,880	250	1,050	4,780	8,600	2,530	670
Harford	14,180	270	910	3,410	6,750	2,000	840
National Capital Area	366,620	6,710	26,250	98,190	182,060	43,330	10,080
Montgomery	85,380	1,470	6,080	22,780	39,400	12,330	3,320
Prince George's	281,240	5,240	20,170	75,410	142,660	31,000	6,760
Southern Area	35,140	650	2,320	10,220	14,380	5,260	2,310
Calvert	8,210	160	510	2,270	3,370	1,330	570
Charles	16,600	270	1,050	4,810	6,980	2,500	990
Saint Mary's	10,330	220	760	3,140	4,030	1,430	750
Eastern Shore Area	60,040	1,070	3,600	13,770	23,080	11,590	6,930
Cecil	3,530	50	200	950	1,440	590	300
Kent	3,860	50	180	870	1,460	810	490
Queen Anne's	4,300	70	230	820	1,640	970	570
Caroline	4,010	80	220	960	1,480	810	460
Talbot	5,710	100	310	1,170	2,170	1,140	820
Dorchester	9,140	160	580	2,250	3,280	1,760	1,110
Wicomico	14,650	290	960	3,390	5,850	2,710	1,450
Somerset	6,570	120	380	1,470	2,580	1,210	810
Worcester	8,270	150	540	1,890	3,180	1,590	920

TABLE 3. ESTIMATED MARYLAND MALE POPULATION BY AGE GROUP, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981

Region and Political Subdivision	All Ages	MALE POPULATION BY AGE					
		Under 1	1 - 4	5 - 17	18 - 44	45 - 64	65+
Maryland State	2,062,650	30,330	116,860	444,620	905,410	405,740	159,690
Northwest Area	166,100	2,340	8,940	34,460	70,990	33,390	15,980
Garrett	13,500	190	800	2,970	5,500	2,610	1,430
Allegany	37,720	510	1,700	7,100	14,710	8,830	4,870
Washington	55,920	710	2,780	11,180	24,310	11,460	5,480
Frederick	58,960	930	3,660	13,210	26,470	10,490	4,200
Baltimore Metro Area	1,054,740	15,450	59,420	223,490	456,830	211,790	87,760
Baltimore City	362,830	6,160	22,670	78,330	147,360	70,110	38,200
Baltimore County	316,740	3,940	16,160	62,630	133,880	71,600	28,530
Anne Arundel	190,080	2,760	10,780	40,640	89,290	35,910	10,700
Carroll	49,230	670	2,430	10,500	22,450	9,370	3,810
Howard	62,310	880	3,410	14,110	30,230	11,200	2,480
Harford	73,550	1,040	3,970	17,280	33,620	13,600	4,040
National Capital Area	609,250	9,050	34,650	134,570	280,520	115,920	34,540
Montgomery	284,300	3,780	15,080	61,390	123,060	60,860	20,130
Prince George's	324,950	5,270	19,570	73,180	157,460	55,060	14,410
Southern Area	87,220	1,440	6,110	22,510	38,640	13,560	4,960
Calvert	18,410	300	1,180	4,500	7,920	3,220	1,290
Charles	38,540	610	2,580	10,330	17,330	5,890	1,800
Saint Mary's	30,270	530	2,350	7,680	13,390	4,450	1,870
Eastern Shore Area	145,340	2,050	7,740	29,590	58,430	31,080	16,450
Cecil	30,660	430	1,830	7,600	12,350	5,940	2,510
Kent	8,100	100	360	1,440	3,260	1,830	1,110
Queen Anne's	13,190	180	660	2,490	5,440	2,940	1,480
Caroline	11,280	170	630	2,400	4,410	2,290	1,380
Talbot	12,650	160	630	2,320	4,770	2,890	1,880
Dorchester	14,440	200	740	2,900	5,360	3,230	2,010
Wicomico	30,710	460	1,700	6,000	13,150	6,400	3,000
Somerset	9,110	140	470	1,690	3,550	2,030	1,230
Worcester	15,200	210	720	2,750	6,140	3,530	1,850

TABLE 4. ESTIMATED MARYLAND FEMALE POPULATION BY AGE GROUP, REGION, AND POLITICAL SUBDIVISION, JULY 1, 1981

Region and Political Subdivision	All Ages	FEMALE POPULATION BY AGE					
		Under 1	1 - 4	5 - 17	18 - 44	45 - 64	65+
Maryland State	2,192,750	29,330	111,310	427,250	939,110	439,040	246,710
Northwest Area	174,470	2,240	8,460	33,060	69,890	36,720	24,100
Garrett	13,880	210	750	2,920	5,430	2,760	1,810
Allegany	42,510	460	1,580	6,960	15,420	10,350	7,740
Washington	56,640	680	2,580	10,670	22,030	12,460	8,220
Frederick	61,440	890	3,550	12,510	27,010	11,150	6,330
Baltimore Metro Area	1,127,680	14,970	56,430	214,580	472,590	232,060	137,050
Baltimore City	413,270	5,990	21,670	76,940	161,350	84,460	62,860
Baltimore County	341,650	3,860	15,370	59,650	141,420	78,110	43,240
Anne Arundel	186,120	2,640	9,980	38,260	83,750	36,000	15,490
Carroll	51,040	660	2,320	10,230	22,610	9,490	5,730
Howard	62,580	830	3,250	13,340	30,720	10,500	3,940
Harford	73,020	990	3,840	16,160	32,740	13,500	5,790
National Capital Area	648,370	8,810	33,310	129,300	298,190	122,800	55,960
Montgomery	306,230	3,640	14,490	59,120	130,800	65,240	32,940
Prince George's	342,140	5,170	18,820	70,180	167,390	57,560	23,020
Southern Area	86,760	1,400	5,690	21,580	38,000	13,620	6,470
Calvert	18,540	270	1,090	4,150	7,920	3,420	1,690
Charles	38,660	590	2,450	9,810	17,570	5,770	2,470
Saint Mary's	29,560	540	2,150	7,620	12,510	4,430	2,310
Eastern Shore Area	155,470	1,910	7,420	28,730	60,440	33,840	23,130
Cecil	30,540	390	1,750	7,120	12,220	5,820	3,240
Kent	8,830	100	370	1,460	3,390	2,020	1,490
Queen Anne's	13,570	170	670	2,420	5,570	3,050	1,690
Caroline	12,060	170	570	2,320	4,590	2,600	1,810
Talbot	14,130	160	560	2,180	5,150	3,390	2,690
Dorchester	15,960	180	720	2,790	5,770	3,640	2,860
Wicomico	34,180	440	1,590	6,020	13,950	7,230	4,950
Somerset	9,920	120	440	1,700	3,570	2,300	1,790
Worcester	16,280	180	750	2,720	6,230	3,790	2,610

TABLE 5. ESTIMATED MARYLAND POPULATION BY SEX AND RACE AND DETAILED AGE GROUP, JULY 1, 1981

Age	Total	Male	Female	MALE		FEMALE	
				White	All Other Races	White	All Other Races
All Ages	4,255,400	2,062,650	2,192,750	1,555,040	507,610	1,635,300	557,450
Under 1	59,660	30,330	29,330	20,560	9,770	19,750	9,580
1 - 4	228,170	116,860	111,310	80,090	36,770	75,280	36,030
5 - 9	274,740	140,190	134,550	96,470	43,720	92,220	42,330
10 - 14	361,110	184,150	176,960	127,980	56,170	121,930	55,030
15 - 19	437,410	222,340	215,070	156,950	65,390	150,360	64,710
20 - 24	388,080	191,250	196,830	142,170	49,080	141,210	55,620
25 - 29	368,510	179,650	188,860	135,460	44,190	135,890	52,970
30 - 34	351,940	171,000	180,940	129,950	41,050	131,290	49,650
35 - 39	296,320	144,020	152,300	110,930	33,090	113,800	38,500
40 - 44	238,280	117,430	120,850	89,960	27,470	90,270	30,580
45 - 49	217,920	106,950	110,970	83,630	23,320	85,060	25,910
50 - 54	224,090	109,250	114,840	88,680	20,570	91,900	22,940
55 - 59	221,040	104,020	117,020	86,570	17,450	96,760	20,260
60 - 64	181,730	85,520	96,210	71,900	13,620	80,170	16,040
65 - 69	139,520	62,470	77,050	52,300	10,170	64,400	12,650
70 - 74	106,950	43,980	62,970	36,730	7,250	52,920	10,050
75 - 79	75,790	28,150	47,640	23,540	4,610	40,660	6,980
80 - 84	47,600	15,180	32,420	12,780	2,400	28,120	4,300
85+	36,540	9,910	26,630	8,390	1,520	23,310	3,320

SELECTED VITAL STATISTICS, MARYLAND, 1940-1981

TABLE 6. BIRTHS AND BIRTH RATES BY RACE, MARYLAND, 1940-1981

Year	NUMBER OF BIRTHS			BIRTH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	32,368	25,438	6,930	17.6	16.6	22.7
1950	55,992	43,599	12,393	23.7	22.1	31.7
1960	77,496	60,093	17,403	24.8	23.2	32.8
1970	69,336	52,719	16,617	17.6	16.4	22.6
1971	65,399	49,036	16,363	16.3	15.2	21.2
1972	58,310	43,289	15,021	14.4	13.3	18.9
1973	53,642	39,372	14,270	13.2	12.1	17.3
1974	53,075	38,661	14,414	13.0	12.0	16.7
1975	52,732	37,629	15,103	12.8	11.7	16.8
1976	52,672	37,098	15,574	12.8	11.5	17.1
1977	55,828	38,854	16,974	13.5	12.2	18.0
1978	55,374	38,087	17,287	13.4	12.1	17.2
1979	58,086	39,167	18,919	13.8	12.5	18.0
1980	59,833	40,428	19,405	14.2	12.8	18.3
1981	61,584	41,347	20,237	14.5	13.0	19.0

*Birth Rates are per 1,000 Population.

TABLE 7. DEATHS AND DEATH RATES BY RACE, MARYLAND, 1940-1981

Year	NUMBER OF DEATHS			DEATH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	21,883	16,943	4,940	11.9	11.1	16.2
1950	22,450	17,811	4,639	9.5	9.0	11.8
1960	27,992	22,447	5,545	9.0	8.7	10.5
1970	32,790	26,290	6,500	8.3	8.2	8.8
1971	32,305	25,762	6,543	8.1	8.0	8.5
1972	33,396	26,755	6,641	8.2	8.2	8.3
1973	33,033	26,607	6,426	8.1	8.2	7.8
1974	32,972	26,474	6,498	8.1	8.2	7.5
1975	32,071	25,688	6,383	7.8	8.0	7.1
1976	32,563	25,928	6,635	7.9	8.1	7.3
1977	32,129	25,682	6,447	7.8	8.0	6.8
1978	33,059	26,285	6,774	8.0	8.4	6.7
1979	32,732	25,867	6,865	7.8	8.2	6.5
1980	34,025	26,828	7,197	8.1	8.5	6.8
1981	33,958	26,706	7,252	8.0	8.4	6.8

*Death Rates are per 1,000 Population.

TABLE 8. INFANT DEATHS AND INFANT MORTALITY RATES BY RACE, MARYLAND, 1940-1981

Year	NUMBER OF INFANT DEATHS			INFANT MORTALITY RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	1,593	1,062	531	49.2	41.7	76.6
1950	1,476	965	511	26.4	22.1	41.2
1960	2,122	1,341	781	27.4	22.3	44.9
1970	1,322	841	481	19.1	16.0	28.9
1971	1,189	724	465	18.2	14.8	28.4
1972	959	614	345	16.4	14.2	23.0
1973	850	547	303	15.8	13.9	21.2
1974	845	547	298	15.9	14.1	20.7
1975	927	587	340	17.6	15.6	22.5
1976	909	508	401	17.3	13.7	25.7
1977	804	445	359	14.4	11.5	21.1
1978	799	438	361	14.4	11.5	20.9
1979	847	447	400	14.6	11.4	21.1
1980	844	462	382	14.1	11.4	19.7
1981	791	440	351	12.8	10.6	17.3

*Infant Mortality Rates are per 1,000 Live Births.

TABLE 9. NEONATAL DEATHS AND NEONATAL MORTALITY RATES BY RACE, MARYLAND, 1940-1981

Year	NUMBER OF NEONATAL DEATHS			NEONATAL MORTALITY RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	935	654	281	28.9	25.7	40.5
1950	1,048	726	322	18.7	16.7	26.0
1960	1,561	1,043	518	20.1	17.4	29.8
1970	972	638	334	14.0	12.1	20.1
1971	881	554	327	13.5	11.3	20.0
1972	702	460	242	12.0	10.6	16.1
1973	605	391	214	11.3	9.9	15.0
1974	632	409	223	11.9	10.6	15.5
1975	701	451	250	13.3	12.0	16.6
1976	692	384	308	13.1	10.4	19.8
1977	603	338	265	10.8	8.7	15.6
1978	607	330	277	11.0	8.7	16.0
1979	608	324	284	10.5	8.3	15.0
1980	612	333	279	10.2	8.2	14.4
1981	578	323	255	9.4	7.8	12.6

*Neonatal Mortality Rates are per 1,000 Live Births.

TABLE 10. POSTNEONATAL DEATHS AND POSTNEONATAL MORTALITY RATES BY RACE, MARYLAND, 1940-1981

Year	POSTNEONATAL DEATHS			POSTNEONATAL MORTALITY RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	658	408	250	20.3	16.0	36.1
1950	428	239	189	7.7	5.4	15.2
1960	561	298	263	7.2	5.0	15.1
1970	350	203	147	5.0	3.9	8.8
1971	308	170	138	4.7	3.5	8.4
1972	257	154	103	4.4	3.6	6.9
1973	245	156	89	4.6	4.0	6.2
1974	213	138	75	4.0	3.6	5.2
1975	225	136	89	4.3	3.6	6.0
1976	217	124	93	4.1	3.3	6.0
1977	201	107	94	3.6	2.8	5.5
1978	192	108	84	3.5	2.8	4.9
1979	239	123	116	4.1	3.1	4.4
1980	232	129	103	3.9	3.2	5.3
1981	213	117	96	3.5	2.8	4.7

*Postneonatal Mortality Rates are per 1,000 Live Births

TABLE 11. FETAL DEATHS AND FETAL DEATH RATES BY RACE, MARYLAND, 1940-1981

Year	FETAL DEATHS			FETAL DEATH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
1940	1,352	860	492	40.1	32.7	66.3
1950	1,102	728	374	19.3	16.4	29.3
1960	1,224	811	413	15.2	13.3	23.2
1970	931	628	303	13.2	11.8	17.9
1971	886	558	328	13.4	11.3	19.7
1972	728	455	273	12.3	10.4	17.9
1973	625	400	225	11.5	10.1	15.5
1974	580	378	202	10.9	9.8	14.0
1975	535	335	200	10.1	8.9	13.2
1976	513	294	219	9.6	7.9	13.9
1977	603	327	276	10.7	8.3	16.0
1978	508	303	205	9.1	7.9	11.7
1979	520	287	233	8.9	7.3	12.2
1980	494	274	220	8.2	6.7	11.2
1981	602	352	250	9.7	8.4	12.2

*Fetal Death Rates are per 1,000 Total Births (Live Births plus Fetal Deaths).

TABLE 12. MARRIAGES BY RESIDENT STATUS AND TYPE OF CEREMONY, MARYLAND, 1940-1981

Year	MARRIAGES BY RESIDENCE*				TYPE OF CEREMONY		
			Non-Residents			Civil	
	Total	Maryland Residents	Number	Percent	Religious	Number	Percent
1940	39,305				39,305		
1950	49,467				49,467		
1960	40,320	23,500	16,820	41.7	40,320		
1970	52,237	35,656	16,581	31.7	36,073	16,164	30.9
1971	50,824	35,412	15,412	30.3	34,776	16,048	31.6
1972	49,924	36,179	13,745	27.5	34,479	15,445	30.9
1973	48,168	36,099	12,069	25.1	32,876	15,292	31.7
1974	47,013	36,108	10,905	23.2	31,711	15,302	32.5
1975	44,706	33,761	10,945	24.5	29,775	14,931	33.4
1976	44,616	34,070	10,546	23.6	29,509	15,107	33.9
1977	45,170	34,743	10,427	23.1	29,562	15,608	34.6
1978	45,029	34,934	10,095	22.4	29,474	15,555	34.5
1979	45,874	36,020	9,854	21.5	29,942	15,932	34.7
1980	46,278	36,629	9,649	20.9	29,435	16,843	36.4
1981	47,128	37,481	9,647	20.5	30,039	17,089	36.3

*Not Available Before 1960.

TABLE 13. ABSOLUTE DIVORCES AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE, MARYLAND, 1940-1981

Year	ABSOLUTE DIVORCES AND ANNULMENTS			LEGAL GROUNDS**				
	Total	Absolute Divorces	Annulments	Voluntary Separation	Desertion	Adultery	All Other	Not Stated
1940	3,227*	3,203*	24					
1950	5,039	4,945*	94					
1960	5,320	5,213*	107					
1970	9,252	9,128	124	5,081	1,774	1,357	948	92
1971	10,060	9,941	119	5,607	1,709	1,524	1,218	2
1972	11,520	11,405	115	6,458	1,870	1,602	1,587	3
1973	14,145	14,017	128	8,549	2,082	1,508	2,005	1
1974	15,070	14,966	104	9,593	1,925	1,078	2,474	-
1975	15,398	15,295	103	9,791	1,732	1,159	2,711	5
1976	16,101	16,011	90	10,855	1,624	1,038	2,581	3
1977	16,617	16,546	71	11,402	1,474	981	2,757	3
1978	16,497	16,425	72	11,301	1,270	967	2,959	-
1979	16,927	16,879	48	11,638	1,274	961	3,054	-
1980	17,494	17,438	56	12,236	1,181	940	3,137	-
1981	17,150	17,083	67	12,379	1,016	822	2,933	-

*Includes Limited Divorces. **Not Available Before 1965.

BIRTHS

TABLE 14. BIRTHS AND BIRTH RATES BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF BIRTHS			BIRTH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	61,584	41,347	20,237	14.5	13.0	19.0
Northwest Area	4,699	4,401	298	13.8	13.5	21.1
Garrett	412	411	1	15.0	15.1	7.1
Allegany	1,001	972	29	12.5	12.3	19.6
Washington	1,368	1,279	89	12.2	11.9	17.0
Frederick	1,918	1,739	179	15.9	15.4	24.6
Baltimore Metro Area	31,366	20,258	11,108	14.4	12.7	18.9
Baltimore City	12,494	4,180	8,314	16.1	12.3	19.0
Baltimore County	8,018	6,847	1,171	12.2	11.6	17.6
Anne Arundel	5,582	4,575	1,007	14.8	14.0	20.4
Carroll	1,410	1,369	41	14.1	14.2	11.3
Howard	1,761	1,482	279	14.1	13.8	15.6
Harford	2,101	1,805	296	14.3	13.6	20.9
National Capital Area	18,508	11,436	7,072	14.7	12.8	19.3
Montgomery	7,691	6,105	1,586	13.0	12.1	18.6
Prince George's	10,817	5,331	5,486	16.2	13.8	19.5
Southern Area	2,881	2,212	669	16.6	15.9	19.0
Calvert	566	414	152	15.3	14.4	18.5
Charles	1,223	940	283	15.8	15.5	17.0
Saint Mary's	1,092	858	234	18.3	17.3	22.7
Eastern Shore Area	4,130	3,040	1,090	13.7	12.6	18.2
Cecil	860	814	46	14.1	14.1	13.0
Kent	202	154	48	11.9	11.8	12.4
Queen Anne's	371	298	73	13.9	13.3	17.0
Caroline	344	265	79	14.7	13.7	19.7
Talbot	364	245	119	13.6	11.6	20.8
Dorchester	388	241	147	12.8	11.3	16.1
Wicomico	946	640	306	14.6	12.7	20.9
Somerset	255	130	125	13.4	10.4	19.0
Worcester	400	253	147	12.7	10.9	17.8

*Birth Rates are per 1,000 Population.

TABLE 15. BIRTHS, BIRTHS OF LOW BIRTH WEIGHT, AND PERCENT OF BIRTHS OF LOW BIRTH WEIGHT, BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	ALL BIRTHS*			BIRTHS OF LOW BIRTH WEIGHT**			PERCENT OF ALL BIRTHS OF LOW BIRTH WEIGHT		
	Total	White	All Other Races	Total	White	All Other Races	Total	White	All Other Races
Maryland State	61,584	41,347	20,237	4,713	2,367	2,346	7.7	5.7	11.6
Northwest Area	4,699	4,401	298	271	245	26	5.8	5.6	8.7
Garrett	412	411	1	39	39	-	9.5	9.5	-
Allegany	1,001	972	29	59	58	1	5.9	6.0	3.4
Washington	1,368	1,279	89	60	54	6	4.4	4.2	6.7
Frederick	1,918	1,739	179	113	94	19	5.9	5.4	10.6
Baltimore Metro Area	31,366	20,258	11,108	2,596	1,203	1,393	8.3	5.9	12.5
Baltimore City	12,494	4,180	8,314	1,422	284	1,138	11.4	6.8	13.7
Baltimore County	8,018	6,847	1,171	510	405	105	6.4	5.9	9.0
Anne Arundel	5,582	4,575	1,007	319	234	85	5.7	5.1	8.4
Carroll	1,410	1,369	41	90	83	7	6.4	6.1	17.1
Howard	1,761	1,482	279	107	80	27	6.1	5.4	9.7
Harford	2,101	1,805	296	148	117	31	7.0	6.5	10.5
National Capital Area	18,508	11,436	7,072	1,312	598	714	7.1	5.2	10.1
Montgomery	7,691	6,105	1,586	422	285	137	5.5	4.7	8.6
Prince George's	10,817	5,331	5,486	890	313	577	8.2	5.9	10.5
Southern Area	2,881	2,212	669	199	121	78	6.9	5.5	11.7
Calvert	566	414	152	42	21	21	7.4	5.1	13.8
Charles	1,223	940	283	86	51	35	7.0	5.4	12.4
Saint Mary's	1,092	858	234	71	49	22	6.5	5.7	9.4
Eastern Shore Area	4,130	3,040	1,090	335	200	135	8.1	6.6	12.4
Cecil	860	814	46	67	62	5	7.8	7.6	10.9
Kent	202	154	48	9	3	6	4.5	1.9	12.5
Queen Anne's	371	298	73	29	19	10	7.8	6.4	13.7
Caroline	344	265	79	31	23	8	9.0	8.7	10.1
Talbot	364	245	119	26	12	14	7.1	4.9	11.8
Dorchester	388	241	147	34	17	17	8.8	7.1	11.6
Wicomico	946	640	306	82	40	42	8.7	6.3	13.7
Somerset	255	130	125	19	7	12	7.5	5.4	9.6
Worcester	400	253	147	38	17	21	9.5	6.7	14.3

*Includes 55 Births With Weight Not Stated.
**Weighing Less Than 2500 Grams.

**Weighing Less Than 2500 Grams.

TABLE 16. SINGLE AND PLURAL BIRTHS BY BIRTH WEIGHT AND RACE, 1981

Race	SINGLE BIRTHS					PLURAL BIRTHS				
	Total Single Births	BIRTH WEIGHT			PERCENT 2499 Gms and Less	Total Plural Births	BIRTH WEIGHT			PERCENT 2499 Gms and Less
		2499 Gms and Less	2500 Gms and Over	Not Stated			2499 Gms and Less	2500 Gms and Over	Not Stated	
Total	60,363	4,045	56,264	54	6.7	1,221	668	552	1	54.7
White	40,553	1,960	38,554	39	4.8	794	407	387	-	51.3
All Other Races	19,810	2,085	17,710	15	10.5	427	261	165	1	61.1

TABLE 17. BIRTHS BY MONTH OF BIRTH, RACE, AND SEX, MARYLAND, 1981

Race	Sex	All Months	MONTH OF BIRTH											
			Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total	All Births	61,584	5,085	4,561	5,214	5,046	4,998	4,920	5,529	5,577	5,400	5,165	4,959	5,130
	Male	31,264	2,586	2,320	2,659	2,571	2,505	2,488	2,730	2,886	2,804	2,617	2,501	2,597
	Female	30,320	2,499	2,241	2,555	2,475	2,493	2,432	2,799	2,691	2,596	2,548	2,458	2,533
White	All Births	41,347	3,374	3,053	3,530	3,518	3,430	3,296	3,676	3,746	3,615	3,437	3,295	3,377
	Male	21,003	1,701	1,543	1,816	1,811	1,713	1,696	1,829	1,918	1,874	1,750	1,666	1,686
	Female	20,344	1,673	1,510	1,714	1,707	1,717	1,600	1,847	1,828	1,741	1,687	1,629	1,691
All Other Races	All Births	20,237	1,711	1,508	1,684	1,528	1,568	1,624	1,853	1,831	1,785	1,728	1,664	1,753
	Male	10,261	885	777	843	760	792	792	901	968	930	867	835	911
	Female	9,976	826	731	841	768	776	832	952	863	855	861	829	842

TABLE 18A. BIRTHS BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Ages	AGE OF MOTHER, ALL RACES									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
Maryland State	61,584	186	3,365	5,386	18,684	19,292	11,454	2,797	355	18	47
Northwest Area	4,699	13	264	456	1,555	1,476	744	166	20	3	2
Garrett	412	-	28	46	154	106	59	16	2	1	-
Allegany	1,001	1	69	119	352	295	130	27	6	1	1
Washington	1,368	6	76	144	519	398	180	42	2	-	1
Frederick	1,918	6	91	147	530	677	375	81	10	1	-
Baltimore Metro Area	31,366	120	1,979	3,008	9,993	9,610	5,328	1,160	136	8	24
Baltimore City	12,494	97	1,333	1,745	4,396	3,017	1,512	337	51	-	6
Baltimore County	8,018	5	229	488	2,363	2,981	1,602	305	34	3	8
Anne Arundel	5,582	10	236	415	1,846	1,766	1,047	227	23	5	7
Carroll	1,410	3	49	116	385	506	278	64	6	-	3
Howard	1,761	2	36	70	338	634	514	158	9	-	-
Harford	2,101	3	96	174	665	706	375	69	13	-	-
National Capital Area	18,508	24	657	1,169	4,782	6,152	4,335	1,204	161	6	18
Montgomery	7,691	6	168	280	1,571	2,624	2,247	685	95	4	11
Prince George's	10,817	18	489	889	3,211	3,528	2,088	519	66	2	7
Southern Area	2,881	6	150	295	934	883	463	132	17	1	-
Calvert	566	-	33	61	148	199	99	24	2	-	-
Charles	1,223	4	71	125	401	364	192	58	7	1	-
Saint Mary's	1,092	2	46	109	385	320	172	50	8	-	-
Eastern Shore Area	4,130	23	315	458	1,420	1,171	584	135	21	-	3
Cecil	860	2	57	98	308	241	122	23	9	-	-
Kent	202	1	10	15	77	55	29	11	3	-	1
Queen Anne's	371	1	24	46	117	122	52	7	2	-	-
Caroline	344	1	19	45	124	103	38	12	1	-	1
Talbot	364	-	28	32	125	94	68	16	1	-	-
Dorchester	388	8	40	50	119	104	58	7	1	-	1
Wicomico	946	6	69	95	326	278	131	39	2	-	-
Somerset	255	1	35	35	84	66	27	6	1	-	-
Worcester	400	3	33	42	140	108	59	14	1	-	-

TABLE 18B. BIRTHS BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Ages	AGE OF MOTHER, WHITE									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
Maryland State	41,347	50	1,551	2,936	11,997	14,101	8,382	2,028	258	14	30
Northwest Area	4,401	13	244	424	1,452	1,384	704	157	18	3	2
Garrett	411	-	28	46	154	105	59	16	2	1	-
Allegany	972	1	66	116	344	286	125	26	6	1	1
Washington	1,279	6	70	140	479	369	170	42	2	-	1
Frederick	1,739	6	80	122	475	624	350	73	8	1	-
Baltimore Metro Area	20,258	24	760	1,438	6,043	7,070	3,966	842	95	5	15
Baltimore City	4,180	12	263	404	1,346	1,292	689	147	23	-	4
Baltimore County	6,847	2	196	421	2,043	2,572	1,325	254	29	1	4
Anne Arundel	4,575	4	155	308	1,448	1,527	910	196	19	4	4
Carroll	1,369	3	47	110	371	498	270	61	6	-	3
Howard	1,482	2	23	56	270	553	450	122	6	-	-
Harford	1,805	1	76	139	565	628	322	62	12	-	-
National Capital Area	11,436	6	318	620	2,787	3,963	2,815	799	112	5	11
Montgomery	6,105	2	113	200	1,186	2,120	1,833	561	77	4	9
Prince George's	5,331	4	205	420	1,601	1,843	982	238	35	1	2
Southern Area	2,212	3	74	180	695	741	389	116	13	1	-
Calvert	414	-	14	28	104	167	81	18	2	-	-
Charles	940	1	40	77	289	307	165	56	4	1	-
Saint Mary's	858	2	20	75	302	267	143	42	7	-	-
Eastern Shore Area	3,040	4	155	274	1,020	943	508	114	20	-	2
Cecil	814	1	51	91	294	226	121	22	8	-	-
Kent	154	-	5	8	57	46	25	9	3	-	1
Queen Anne's	298	-	11	34	96	104	46	5	2	-	-
Caroline	265	-	15	27	96	81	36	9	1	-	-
Talbot	245	-	9	17	80	68	57	13	1	-	-
Dorchester	241	1	15	23	74	75	46	5	1	-	1
Wicomico	640	1	30	45	197	217	115	33	2	-	-
Somerset	130	1	12	13	38	45	15	5	1	-	-
Worcester	253	-	7	16	88	81	47	13	1	-	-

TABLE 18C. BIRTHS BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Ages	AGE OF MOTHER, ALL OTHER RACES									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
Maryland State	20,237	136	1,814	2,450	6,687	5,191	3,072	769	97	4	17
Northwest Area	298	-	20	32	103	92	40	9	2	-	-
Garrett	1	-	-	-	-	1	-	-	-	-	-
Allegany	29	-	3	3	8	9	5	1	-	-	-
Washington	89	-	6	4	40	29	10	-	-	-	-
Frederick	179	-	11	25	55	53	25	8	2	-	-
Baltimore Metro Area	11,108	96	1,219	1,570	3,950	2,540	1,362	318	41	3	9
Baltimore City	8,314	85	1,070	1,341	3,050	1,725	823	190	28	-	2
Baltimore County	1,171	3	33	67	320	409	277	51	5	2	4
Anne Arundel	1,007	6	81	107	398	239	137	31	4	1	3
Carroll	41	-	2	6	14	8	8	3	-	-	-
Howard	279	-	13	14	68	81	64	36	3	-	-
Harford	296	2	20	35	100	78	53	7	1	-	-
National Capital Area	7,072	18	339	549	1,995	2,189	1,520	405	49	1	7
Montgomery	1,586	4	55	80	385	504	414	124	18	-	2
Prince George's	5,486	14	284	469	1,610	1,685	1,106	281	31	1	5
Southern Area	669	3	76	115	239	142	74	16	4	-	-
Calvert	152	-	19	33	44	32	18	6	-	-	-
Charles	283	3	31	48	112	57	27	2	3	-	-
Saint Mary's	234	-	26	34	83	53	29	8	1	-	-
Eastern Shore Area	1,090	19	160	184	400	228	76	21	1	-	1
Cecil	46	1	6	7	14	15	1	1	1	-	-
Kent	48	1	5	7	20	9	4	2	-	-	-
Queen Anne's	73	1	13	12	21	18	6	2	-	-	-
Caroline	79	1	4	18	28	22	2	3	-	-	1
Talbot	119	-	19	15	45	26	11	3	-	-	-
Dorchester	147	7	25	27	45	29	12	2	-	-	-
Wicomico	306	5	39	50	129	61	16	6	-	-	-
Somerset	125	-	23	22	46	21	12	1	-	-	-
Worcester	147	3	26	26	52	27	12	1	-	-	-

TABLE 18D. GENERAL FERTILITY RATES* AND BIRTH RATES** BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	General Fertility Rate	AGE OF MOTHER, ALL RACES							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49
Maryland State	58.4	1.1	40.7	94.9	102.1	63.3	18.4	2.9	0.2
Northwest Area	59.5	1.0	42.4	107.9	109.2	55.1	14.7	2.2	0.3
Garrett	66.1	-	52.9	133.9	99.1	57.8	18.6	2.7	1.4
Allegany	57.8	0.4	47.2	104.5	111.3	47.6	11.3	2.7	0.5
Washington	54.9	1.4	41.0	115.6	91.1	43.7	12.0	0.6	-
Frederick	63.1	1.2	38.2	98.1	124.7	66.6	17.8	3.1	0.3
Baltimore Metro Area	59.1	1.4	46.1	98.4	99.9	59.1	15.5	2.3	0.1
Baltimore City	68.7	3.2	79.0	110.3	86.8	53.8	15.6	2.7	-
Baltimore County	50.9	0.2	23.3	76.9	102.8	59.7	13.8	1.9	0.2
Anne Arundel	59.3	0.6	34.2	110.6	107.7	62.7	15.8	2.1	0.5
Carroll	55.5	0.7	32.2	94.4	125.2	58.0	14.8	2.0	-
Howard	51.3	0.4	16.5	76.5	107.6	72.9	25.4	2.1	-
Harford	56.6	0.5	34.2	113.9	116.3	56.1	11.3	2.9	-
National Capital Area	55.6	0.4	28.2	78.4	102.6	74.1	24.2	4.1	0.2
Montgomery	52.4	0.2	15.8	67.3	102.6	84.9	28.7	5.0	0.2
Prince George's	58.1	0.6	38.0	85.3	102.6	65.3	20.1	3.3	0.1
Southern Area	65.7	0.6	43.0	132.7	118.4	60.9	19.5	3.7	0.3
Calvert	62.5	-	47.2	110.4	120.6	58.2	17.1	2.1	-
Charles	60.4	0.9	41.3	136.9	113.0	53.3	16.5	3.2	0.6
Saint Mary's	74.9	0.6	42.8	139.0	123.6	74.8	27.0	5.5	-
Eastern Shore Area	60.5	2.0	52.0	111.2	99.6	52.3	13.8	2.7	-
Cecil	60.7	0.7	45.7	133.9	103.4	49.8	10.9	5.7	-
Kent	53.4	1.8	30.9	91.7	91.7	50.0	20.0	7.5	-
Queen Anne's	59.6	1.0	53.8	108.3	110.9	50.0	7.4	2.6	-
Caroline	65.9	1.1	54.7	134.8	109.6	43.7	16.0	1.8	-
Talbot	63.4	-	51.3	120.2	89.5	73.1	19.5	1.4	-
Dorchester	59.5	6.9	65.2	96.7	89.7	57.4	7.2	1.3	-
Wicomico	60.7	2.6	50.3	101.9	103.7	51.0	18.1	1.2	-
Somerset	63.3	1.5	72.2	107.7	101.5	43.5	11.5	2.0	-
Worcester	57.5	2.7	53.2	101.4	86.4	53.6	14.7	1.1	-

*Total Births Per 1,000 Women Aged 15-44.
**Live Births Per 1,000 Women in Specified Age Group.

TABLE 18E. GENERAL FERTILITY RATES* AND BIRTH RATES** BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	General Fertility Rate	AGE OF MOTHER, WHITE							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49
Maryland State	54.2	0.4	29.8	85.0	103.8	63.8	17.8	2.9	0.2
Northwest Area	58.0	1.0	41.1	105.4	106.5	54.2	14.4	2.0	0.3
Garrett	66.3	-	52.9	135.1	98.1	58.4	18.6	2.8	1.4
Allegany	57.2	0.4	46.7	104.6	110.4	46.6	11.0	2.8	0.5
Washington	53.1	1.4	40.7	110.9	87.4	42.6	12.4	0.7	-
Frederick	60.9	1.3	34.9	94.4	122.1	65.9	17.0	2.6	0.4
Baltimore Metro Area	53.9	0.4	30.2	86.5	103.7	60.4	15.1	2.2	0.1
Baltimore City	60.5	1.3	53.9	87.7	90.2	60.3	17.1	3.3	-
Baltimore County	49.6	0.1	22.9	74.3	102.3	58.1	13.2	1.8	0.1
Anne Arundel	56.1	0.3	28.6	102.0	108.5	62.2	15.3	2.0	0.5
Carroll	55.8	0.7	32.0	94.4	126.7	58.1	14.6	2.0	-
Howard	50.5	0.4	14.9	70.7	104.9	74.0	23.2	1.7	-
Harford	53.9	0.2	30.5	111.2	115.4	53.0	11.0	2.9	-
National Capital Area	51.6	0.2	22.1	66.1	101.0	76.1	24.0	4.1	0.2
Montgomery	49.8	0.1	13.3	60.4	99.3	83.7	27.9	4.8	0.3
Prince George's	53.8	0.3	33.0	71.0	103.1	65.0	18.0	3.1	0.1
Southern Area	62.9	0.4	32.7	126.8	121.5	60.8	20.4	3.5	0.3
Calvert	58.8	-	29.8	108.3	125.6	58.3	15.4	2.6	-
Charles	58.6	0.3	33.1	129.0	119.5	54.8	19.0	2.3	0.7
Saint Mary's	70.9	0.8	33.6	132.5	121.4	71.5	26.6	5.8	-
Eastern Shore Area	56.1	0.5	38.5	102.8	100.5	54.9	14.0	3.2	-
Cecil	60.7	0.4	45.8	137.4	101.3	51.1	10.8	5.3	-
Kent	54.0	-	22.8	86.4	97.9	55.6	22.0	10.3	-
Queen Anne's	56.3	-	42.5	107.9	109.5	50.0	6.0	3.2	-
Caroline	62.1	-	45.7	128.0	105.2	48.0	14.3	2.2	-
Talbot	55.6	-	30.2	100.0	87.2	76.0	20.3	1.7	-
Dorchester	54.0	1.4	44.7	90.2	97.4	62.2	6.8	1.8	-
Wicomico	53.4	0.6	31.6	80.4	105.3	56.7	19.0	1.5	-
Somerset	52.2	2.9	50.0	88.4	102.3	34.9	13.9	3.0	-
Worcester	50.5	-	25.0	89.8	89.0	57.3	17.3	1.6	-

*Total Births Per 1,000 Women Aged 15-44.
**Live Births Per 1,000 Women in Specified Age Group.

TABLE 18F. GENERAL FERTILITY RATES* AND BIRTH RATES** BY AGE OF MOTHER, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	General Fertility Rate	AGE OF MOTHER, ALL OTHER RACES							
		Under 15	15-19	20-24	25-29	30-34	35-39	40-44	45-49
Maryland State	69.3	2.5	65.9	120.2	98.0	61.9	20.0	3.2	0.2
Northwest Area	96.8	-	71.2	163.5	173.6	78.4	23.1	6.9	-
Garrett	33.3	-	-	-	-	-	-	-	-
Allegany	87.9	-	75.0	100.0	150.0	100.0	33.3	-	-
Washington	106.0	-	50.0	235.3	193.3	76.9	-	-	-
Frederick	95.2	-	80.0	148.6	165.6	78.1	32.0	11.8	-
Baltimore Metro Area	71.8	3.3	78.8	124.4	90.8	55.5	16.7	2.6	0.2
Baltimore City	73.7	4.0	90.7	124.4	84.4	49.3	14.6	2.4	-
Baltimore County	59.4	0.9	26.5	98.8	105.7	68.4	18.0	2.6	1.4
Anne Arundel	79.7	2.6	66.0	159.2	103.0	65.6	19.6	3.1	0.9
Carroll	46.6	-	36.4	93.3	72.7	57.1	20.0	-	-
Howard	55.8	-	24.1	113.3	130.6	66.0	36.7	4.2	-
Harford	80.4	2.9	64.7	131.6	123.8	88.3	14.9	2.7	-
National Capital Area	63.5	0.9	39.8	105.9	105.6	70.7	24.8	4.2	0.1
Montgomery	65.5	0.9	27.3	103.5	119.4	90.2	32.9	6.0	-
Prince George's	62.9	0.9	43.4	106.6	102.1	65.4	22.4	3.5	0.2
Southern Area	77.0	1.3	73.7	153.2	104.4	61.7	14.8	4.4	-
Calvert	75.6	-	89.7	115.8	100.0	58.1	26.1	-	-
Charles	67.4	2.8	64.8	162.3	87.7	45.8	3.4	6.4	-
Saint Mary's	94.4	-	75.9	169.4	135.9	96.7	29.6	4.2	-
Eastern Shore Area	77.5	6.7	92.7	140.4	95.8	39.8	12.9	0.6	-
Cecil	59.7	5.3	44.8	87.5	150.0	12.5	14.3	14.3	-
Kent	51.6	5.0	50.0	111.1	69.2	30.8	14.3	-	-
Queen Anne's	77.7	5.3	104.2	110.5	120.0	50.0	20.0	-	-
Caroline	83.2	5.0	88.0	164.7	129.4	16.7	25.0	-	-
Talbot	89.5	-	109.7	187.5	96.3	61.1	16.7	-	-
Dorchester	71.4	14.9	98.1	109.8	74.4	44.4	8.3	-	-
Wicomico	85.2	7.7	100.0	172.0	98.4	29.6	14.3	-	-
Somerset	81.2	-	95.7	131.4	100.0	63.2	6.3	-	-
Worcester	75.4	7.7	106.1	130.0	79.4	42.9	5.0	-	-

*Total Births Per 1,000 Women Aged 15-44.
**Live Births Per 1,000 Women in Specified Age Group.

TABLE 19. BIRTHS BY BIRTH ORDER, AGE OF MOTHER, AND RACE, MARYLAND 1981

Birth Order*:	All Ages	AGE OF MOTHER									
		Under 15	15-17	18-19	20-24	25-29	30-34	35-39	40-44	45 & Over	Not Stated
All Births:	61,584	186	3,365	5,386	18,684	19,292	11,454	2,797	355	18	47
First child	29,113	181	3,001	4,079	10,182	8,077	3,022	494	51	3	23
Second	19,356	3	313	1,077	5,935	6,916	4,250	796	56	2	8
Third	7,811	-	14	142	1,714	2,751	2,479	637	64	5	5
Fourth	2,604	-	1	14	389	850	911	375	62	2	-
Fifth	882	-	-	1	95	220	329	198	37	-	2
Sixth	355	-	-	-	25	70	127	101	30	2	-
Seventh	155	-	-	-	4	24	56	52	18	1	-
Eight or more	135	-	-	-	-	18	27	69	19	2	-
Not Stated	1,173	2	36	73	340	366	253	75	18	1	9
White:	41,347	50	1,551	2,936	11,997	14,101	8,382	2,028	258	14	30
First child	19,951	47	1,407	2,349	6,980	6,390	2,360	368	33	2	15
Second	13,246	2	132	499	3,758	5,036	3,183	585	45	1	5
Third	5,041	-	4	51	890	1,802	1,773	464	50	4	3
Fourth	1,560	-	-	3	161	497	580	267	51	1	-
Fifth	505	-	-	-	37	101	192	149	25	-	1
Sixth	183	-	-	-	9	23	68	60	21	2	-
Seventh	81	-	-	-	1	6	32	31	10	1	-
Eight or more	78	-	-	-	-	3	14	49	10	2	-
Not Stated	702	1	8	34	161	243	180	55	13	1	6
All Other Races:	20,237	136	1,814	2,450	6,687	5,191	3,072	769	97	4	17
First child	9,162	134	1,594	1,730	3,202	1,687	662	126	18	1	8
Second	6,110	1	181	578	2,177	1,880	1,067	211	11	1	3
Third	2,770	-	10	91	824	949	706	173	14	1	2
Fourth	1,044	-	1	11	228	353	331	108	11	1	-
Fifth	377	-	-	1	58	119	137	49	12	-	1
Sixth	172	-	-	-	16	47	59	41	9	-	-
Seventh	74	-	-	-	3	18	24	21	8	-	-
Eight or more	57	-	-	-	-	15	13	20	9	-	-
Not Stated	471	1	28	39	179	123	73	20	5	-	3

*Based on Current Live Birth Plus All Previous Live Births to the Mother.

*Based on Current Live Birth Plus All Previous Live Births to the Mother.

TABLE 20. BIRTHS BY LIVE BIRTH ORDER BY REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF BIRTHS							PERCENT OF BIRTHS					
	All Births	Live Birth Order*						Live Birth Order					
		1st	2nd	3rd	4th	5th or more	Not Stated	1st	2nd	3rd	4th	5th or more	Not Stated
Maryland State	61,584	29,113	19,356	7,811	2,604	1,527	1,173	47.3	31.4	12.7	4.2	2.5	1.9
Northwest Area	4,699	2,138	1,527	641	230	143	20	45.5	32.5	13.6	4.9	3.0	.4
Garrett	412	169	120	71	28	22	2	41.0	29.1	17.2	6.8	5.3	.5
Allegany	1,001	478	320	128	43	28	4	47.8	32.0	12.8	4.3	2.8	.4
Washington	1,368	638	454	170	59	41	6	46.6	33.2	12.4	4.3	3.0	.4
Frederick	1,918	853	633	272	100	52	8	44.5	33.0	14.2	5.2	2.7	.4
Baltimore Metro Area	31,366	15,177	9,748	3,797	1,263	711	670	48.4	31.1	12.1	4.0	2.3	2.1
Baltimore City	12,494	5,933	3,668	1,579	572	412	330	47.5	29.4	12.6	4.6	3.3	2.6
Baltimore County	8,018	4,128	2,582	831	258	102	117	51.5	32.2	10.4	3.2	1.3	1.5
Anne Arundel	5,582	2,631	1,823	693	217	91	127	47.1	32.7	12.4	3.9	1.6	2.3
Carroll	1,410	644	467	194	62	24	19	45.7	33.1	13.8	4.4	1.7	1.3
Howard	1,761	860	537	222	64	38	40	48.8	30.5	12.6	3.6	2.2	2.3
Harford	2,101	981	671	278	90	44	37	46.7	31.9	13.2	4.3	2.1	1.8
National Capital Area	18,508	8,656	5,849	2,397	792	456	358	46.8	31.6	13.0	4.3	2.5	1.9
Montgomery	7,691	3,536	2,507	941	318	183	206	46.0	32.6	12.2	4.1	2.4	2.7
Prince George's	10,817	5,120	3,342	1,456	474	273	152	47.3	30.9	13.5	4.4	2.5	1.4
Southern Area	2,881	1,257	893	452	139	112	28	43.6	31.0	15.7	4.8	3.9	1.0
Calvert	566	241	172	95	31	18	9	42.6	30.4	16.8	5.5	3.2	1.6
Charles	1,223	557	358	199	64	42	3	45.5	29.3	16.3	5.2	3.4	.2
Saint Mary's	1,092	459	363	158	44	52	16	42.0	33.2	14.5	4.0	4.8	1.5
Eastern Shore Area	4,130	1,885	1,339	524	180	105	97	45.6	32.4	12.7	4.4	2.5	2.3
Cecil	860	367	283	137	38	25	10	42.7	32.9	15.9	4.4	2.9	1.2
Kent	202	94	56	29	6	7	10	46.5	27.7	14.4	3.0	3.5	5.0
Queen Anne's	371	181	124	34	20	8	4	48.8	33.4	9.2	5.4	2.2	1.1
Caroline	344	139	130	47	15	13	-	40.4	37.8	13.7	4.4	3.8	-
Talbot	364	171	121	52	13	7	-	47.0	33.2	14.3	3.6	1.9	-
Dorchester	388	187	133	43	14	7	4	48.2	34.3	11.1	3.6	1.8	1.0
Wicomico	946	437	306	102	44	23	34	46.2	32.3	10.8	4.7	2.4	3.6
Somerset	255	119	61	30	14	6	25	46.7	23.9	11.8	5.5	2.4	9.8
Worcester	400	190	125	50	16	9	10	47.5	31.3	12.5	4.0	2.3	2.5

*Based on Current Live Birth Plus All Previous Live Births to the Mother.

TABLE 21. BIRTHS TO UNMARRIED WOMEN BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	RESIDENT BIRTHS TO UNMARRIED WOMEN					
				Percent of All Births		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	16,771	5,363	11,408	27.2	13.0	56.4
Northwest Area	661	530	131	14.1	12.0	44.0
Garrett	45	45	-	10.9	10.9	-
Allegany	146	132	14	14.6	13.6	48.3
Washington	207	174	33	15.1	13.6	37.1
Frederick	263	179	84	13.7	10.3	46.9
Baltimore Metro Area	10,076	2,707	7,369	32.1	13.4	66.3
Baltimore City	7,274	1,037	6,237	58.2	24.8	75.0
Baltimore County	1,105	682	423	13.8	10.0	36.1
Anne Arundel	998	514	484	17.9	11.2	48.1
Carroll	153	139	14	10.9	10.2	34.1
Howard	199	115	84	11.3	7.8	30.1
Harford	347	220	127	16.5	12.2	42.9
National Capital Area	4,252	1,486	2,766	23.0	13.0	39.1
Montgomery	1,167	644	523	15.2	10.5	33.0
Prince George's	3,085	842	2,243	28.5	15.8	40.9
Southern Area	645	250	395	22.4	11.3	59.0
Calvert	147	50	97	26.0	12.1	63.8
Charles	282	105	177	23.1	11.2	62.5
Saint Mary's	216	95	121	19.8	11.1	51.7
Eastern Shore Area	1,137	390	747	27.5	12.8	68.5
Cecil	168	144	24	19.5	17.7	52.2
Kent	51	16	35	25.2	10.4	72.9
Queen Anne's	73	22	51	19.7	7.4	69.9
Caroline	96	38	58	27.9	14.3	73.4
Talbot	109	28	81	29.9	11.4	68.1
Dorchester	141	34	107	36.3	14.1	72.8
Wicomico	262	73	189	27.7	11.4	61.8
Somerset	97	9	88	38.0	6.9	70.4
Worcester	140	26	114	35.0	10.3	77.6

TABLE 22. BIRTHS TO UNMARRIED WOMEN BY AGE OF MOTHER AND RACE, MARYLAND, 1981

Age of Mother	NUMBER			PERCENT		
	Total	White	All Other Races	Total	White	All Other Races
All Ages	16,771	5,363	11,408	27.2	13.0	56.4
Under 15	176	40	136	94.6	80.0	100.0
15 - 17	2,637	867	1,770	78.4	55.9	97.6
18 - 19	3,221	1,029	2,192	59.8	35.0	89.5
20 - 24	6,114	1,821	4,293	32.7	15.2	64.2
25 - 29	2,897	948	1,949	15.0	6.7	37.5
30 - 34	1,355	507	848	11.8	6.0	27.6
35 - 39	311	127	184	11.1	6.3	23.9
40 - 44	41	16	25	11.5	6.2	25.8
45 and Over	1	-	1	5.6	-	25.0
Not Stated	18	8	10	38.3	26.7	58.8

TABLE 23. BIRTHS TO UNMARRIED WOMEN BY BIRTH ORDER AND RACE, MARYLAND, 1981

Birth Order*	NUMBER			PERCENT		
	Total	White	All Other Races	Total	White	All Other Races
Total	16,771	5,363	11,408	27.2	13.0	56.4
First Child	9,735	3,567	6,168	33.4	17.9	67.3
Second	4,014	1,071	2,943	20.7	8.1	48.2
Third	1,616	405	1,211	20.7	8.0	43.7
Fourth	624	137	487	24.0	8.8	46.6
Fifth	234	53	181	26.5	10.5	48.0
Sixth	96	23	73	27.0	12.6	42.4
Seventh	39	3	36	25.2	3.7	48.6
Eighth or More	29	7	22	21.5	9.0	38.6
Not Stated	384	97	287	32.7	13.8	60.9

*Based on the Current Live Births Plus All Previous Live Births to the Mother.

TABLE 24. BIRTHS BY HOSPITALIZATION, TYPE OF HOSPITAL, ATTENDANT, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Births	CIVILIAN HOSPITALS			MILITARY HOSPITALS			NOT IN HOSPITAL			
			Attendant			Attendant			Attendant		
		Total	Physician	Certified Nurse Midwife	Total	Physician	Certified Nurse Midwife	Total	Physician	Certified Nurse Midwife	Other
Maryland State	61,584	58,780	58,153	627	2,318	2,184	134	486	151	234	101
Northwest Area	4,699	4,646	4,628	18	22	22	-	31	11	8	12
Garrett	412	406	406	-	-	-	-	6	5	-	1
Allegany	1,001	997	997	-	1	1	-	3	2	-	1
Washington	1,368	1,356	1,355	1	1	1	-	11	2	2	7
Frederick	1,918	1,887	1,870	17	20	20	-	11	2	6	3
Baltimore Metro Area	31,366	30,513	30,448	65	658	649	9	195	89	68	38
Baltimore City	12,494	12,409	12,382	27	15	15	-	70	43	12	15
Baltimore County	8,018	7,959	7,946	13	17	15	2	42	16	17	9
Anne Arundel	5,582	4,940	4,930	10	597	591	6	45	19	19	7
Carroll	1,410	1,398	1,391	7	-	-	-	12	3	7	2
Howard	1,761	1,727	1,720	7	23	22	1	11	1	9	1
Harford	2,101	2,080	2,079	1	6	6	-	15	7	4	4
National Capital Area	18,508	17,051	16,979	72	1,268	1,158	110	189	44	133	12
Montgomery	7,691	7,158	7,092	66	425	424	1	108	17	84	7
Prince George's	10,817	9,893	9,887	6	843	734	109	81	27	49	5
Southern Area	2,881	2,462	2,461	1	365	350	15	54	2	20	32
Calvert	566	539	538	1	19	17	2	8	2	5	1
Charles	1,223	1,139	1,139	-	76	63	13	8	-	6	2
Saint Mary's	1,092	784	784	-	270	270	-	38	-	9	29
Eastern Shore Area	4,130	4,108	3,637	471	5	5	-	17	5	5	7
Cecil	860	856	855	1	1	1	-	3	-	2	1
Kent	202	201	201	-	-	-	-	1	1	-	-
Queen Anne's	371	371	371	-	-	-	-	-	-	-	-
Caroline	344	341	341	-	2	2	-	1	1	-	-
Talbot	364	361	361	-	-	-	-	3	2	-	1
Dorchester	388	387	387	-	-	-	-	1	-	-	1
Wicomico	946	942	670	272	1	1	-	3	-	1	2
Somerset	255	253	173	80	-	-	-	2	-	-	2
Worcester	400	396	278	118	1	1	-	3	1	2	-

TABLE 25. BIRTHS BY PLURALITY, AGE OF MOTHER, AND RACE, MARYLAND, 1981

Age of Mother and Race	Total	Single Births	Plural Births	Ratio of Plural Births Per 1,000 Total Births
All Births:	61,584	60,363	1,221	19.8
Under 15	186	185	1	5.4
15 - 17	3,365	3,312	53	15.8
18 - 19	5,386	5,291	95	17.6
20 - 24	18,684	18,337	347	18.6
25 - 29	19,292	18,918	374	19.4
30 - 34	11,454	11,182	272	23.7
35 - 39	2,797	2,724	73	26.1
40 - 44	355	349	6	16.9
45 and Over	18	18	-	-
Not Stated	47	47	-	-
White:	41,347	40,553	794	19.2
Under 15	50	49	1	20.0
15 - 17	1,551	1,526	25	16.1
18 - 19	2,936	2,892	44	15.0
20 - 24	11,997	11,780	217	18.1
25 - 29	14,101	13,843	258	18.3
30 - 34	8,382	8,196	186	22.2
35 - 39	2,028	1,967	61	30.1
40 - 44	258	256	2	7.8
45 and Over	14	14	-	-
Not Stated	30	30	-	-
All Other Races:	20,237	19,810	427	21.1
Under 15	136	136	-	-
15 - 17	1,814	1,786	28	15.4
18 - 19	2,450	2,399	51	20.8
20 - 24	6,687	6,557	130	19.4
25 - 29	5,191	5,075	116	22.3
30 - 34	3,072	2,986	86	28.0
35 - 39	769	757	12	15.6
40 - 44	97	93	4	41.2
45 and Over	4	4	-	-
Not Stated	17	17	-	-

TABLE 26. BIRTHS BY PLURALITY, LENGTH OF PREGNANCY, AND RACE, MARYLAND, 1981

Length of Pregnancy (weeks)	Total	Single Births	Plural Births	Ratio of Plural Births Per 1,000 Total Births
All Births:	61,584	60,363	1,221	19.8
Under 20	78	72	6	76.9
20 - 27	602	539	63	104.7
28 - 31	852	764	88	103.3
32 - 35	2,970	2,727	243	81.8
36	1,971	1,843	128	64.9
37 - 39	22,117	21,674	443	20.0
40	12,384	12,308	76	6.1
41	8,855	8,803	52	5.9
42 or more	9,612	9,541	71	7.4
Not Stated	2,143	2,092	51	23.8
White:	41,347	40,553	794	19.2
Under 20	32	30	2	62.5
20 - 27	255	220	35	137.3
28 - 31	376	336	40	106.4
32 - 35	1,475	1,311	164	111.2
36	1,081	986	95	87.9
37 - 39	14,251	13,962	289	20.3
40	8,983	8,937	46	5.1
41	6,611	6,570	41	6.2
42 or more	6,869	6,829	40	5.8
Not Stated	1,414	1,372	42	29.7
All Other Races:	20,237	19,810	427	21.1
Under 20	46	42	4	87.0
20 - 27	347	319	28	80.7
28 - 31	476	428	48	100.8
32 - 35	1,495	1,416	79	52.8
36	890	857	33	37.1
37 - 39	7,866	7,712	154	19.6
40	3,401	3,371	30	8.8
41	2,244	2,233	11	4.9
42 or more	2,743	2,712	31	11.3
Not Stated	729	720	9	12.3

TABLE 27. BIRTHS BY BIRTH WEIGHT, ONSET OF PRENATAL CARE, AND RACE, MARYLAND, 1981

Trimester of First Prenatal Visit	All Births	BIRTH WEIGHT (in grams)								
		Under 1000	1000-1499	1500-1999	2000-2499	2500-2999	3000-3499	3500-3999	4000 & Over	Not Stated
All Births:	61,584	523	442	923	2,825	10,339	22,744	17,042	6,691	55
First	46,549	329	265	597	1,889	7,319	17,178	13,539	5,416	17
Second	9,695	74	100	195	562	1,972	3,675	2,313	802	2
Third	1,732	4	7	31	108	373	672	395	142	-
No Care	459	32	17	30	62	115	117	57	28	1
Not Stated	3,149	84	53	70	204	560	1,102	738	303	35
White Births:	41,347	232	206	464	1,465	5,712	14,833	12,924	5,472	39
First	33,462	166	136	330	1,088	4,442	12,027	10,717	4,550	6
Second	4,987	21	34	72	217	815	1,825	1,424	577	2
Third	834	2	2	16	42	138	319	224	91	-
No Care	187	5	7	10	12	41	55	36	21	-
Not Stated	1,877	38	27	36	106	276	607	523	233	31
All Other Races:	20,237	291	236	459	1,360	4,627	7,911	4,118	1,219	16
First	13,087	163	129	267	801	2,877	5,151	2,822	866	11
Second	4,708	53	66	123	345	1,157	1,850	889	225	-
Third	898	2	5	15	66	235	353	171	51	-
No Care	272	27	10	20	50	74	62	21	7	1
Not Stated	1,272	46	26	34	98	284	495	215	70	4

TABLE 28. BIRTHS BY PLACE OF RESIDENCE AND OCCURRENCE, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	BIRTHS BY AREA OF MOTHER'S RESIDENCE			BIRTHS IN MARYLAND BY AREA OF BIRTH		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	61,584	41,347	20,237	54,329	37,472	16,857
Northwest Area	4,699	4,401	298	4,782	4,511	271
Garrett	412	411	1	376	374	2
Allegany	1,001	972	29	1,617	1,575	42
Washington	1,368	1,279	89	1,472	1,402	70
Frederick	1,918	1,739	179	1,317	1,160	157
Baltimore Metro Area	31,366	20,258	11,108	30,734	19,769	10,965
Baltimore City	12,494	4,180	8,314	18,076	8,717	9,359
Baltimore County	8,018	6,847	1,171	7,524	6,682	842
Anne Arundel	5,582	4,575	1,007	2,097	1,772	325
Carroll	1,410	1,369	41	757	735	22
Howard	1,761	1,482	279	1,226	1,013	213
Harford	2,101	1,805	296	1,054	850	204
National Capital Area	18,508	11,436	7,072	13,367	9,325	4,042
Montgomery	7,691	6,105	1,586	8,006	6,241	1,765
Prince George's	10,817	5,331	5,486	5,361	3,084	2,277
Southern Area	2,881	2,212	669	1,744	1,238	506
Calvert	566	414	152	434	276	158
Charles	1,223	940	283	405	269	136
Saint Mary's	1,092	858	234	905	693	212
Eastern Shore Area	4,130	3,040	1,090	3,702	2,629	1,073
Cecil	860	814	46	372	335	37
Kent	202	154	48	264	201	63
Queen Anne's	371	298	73	-	-	-
Caroline	344	265	79	1	1	-
Talbot	364	245	119	939	695	244
Dorchester	388	241	147	305	165	140
Wicomico	946	640	306	1,700	1,150	550
Somerset	255	130	125	120	82	38
Worcester	400	253	147	1	-	1

TABLE 29. BIRTHS TO RESIDENTS OF MARYLAND, AND BIRTHS OCCURRING IN MARYLAND, BY AREA OF RESIDENCE AND AREA OF OCCURRENCE, 1981

Area of Residence	AREA OF OCCURRENCE OF BIRTH						
		State of Maryland					
	All Areas of Occurrence	State Totals	MD County Same as Residence	MD County Other Than Residence	Baltimore City	District of Columbia	Other States
Maryland State	61,584	51,735	23,892	9,835	18,008	8,713	1,136
Northwest Area	4,699	4,212	3,645	486	81	129	358
Garrett	412	347	262	84	1	-	65
Allegany	1,001	983	975	7	1	-	18
Washington	1,368	1,252	1,203	27	22	6	110
Frederick	1,918	1,630	1,205	368	57	123	165
Baltimore Metro Area	31,366	30,389	8,222	4,543	17,624	802	175
Baltimore City	12,494	12,466	xxx	1,694	10,772	14	14
Baltimore County	8,018	7,962	4,111	153	3,698	18	38
Anne Arundel	5,582	4,922	1,864	780	2,278	637	23
Carroll	1,410	1,333	663	410	260	10	67
Howard	1,761	1,631	810	384	437	116	14
Harford	2,101	2,075	774	1,122	179	7	19
National Capital Area	18,508	10,738	8,329	2,213	196	7,472	298
Montgomery	7,691	4,530	4,373	135	22	3,030	131
Prince George's	10,817	6,208	3,956	2,078	174	4,442	167
Southern Area	2,881	2,547	1,567	958	22	303	31
Calvert	566	523	358	155	10	39	4
Charles	1,223	986	347	634	5	219	18
Saint Mary's	1,092	1,038	862	169	7	45	9
Eastern Shore Area	4,130	3,849	2,129	1,635	85	7	274
Cecil	860	644	338	278	28	1	215
Kent	202	191	162	29	-	-	11
Queen Anne's	371	361	-	345	16	2	8
Caroline	344	320	1	313	6	2	22
Talbot	364	361	344	12	5	1	2
Dorchester	388	384	289	89	6	-	4
Wicomico	946	939	911	13	15	-	7
Somerset	255	255	83	169	3	-	-
Worcester	400	394	1	387	6	1	5

DEATHS

TABLE 30. DEATHS AND DEATH RATES BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF DEATHS			DEATH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	33,958	26,706	7,252	8.0	8.4	6.8
Northwest Area	3,110	3,011	99	9.1	9.2	7.0
Garrett	244	244	-	8.9	9.0	-
Allegany	989	974	15	12.3	12.4	10.1
Washington	1,014	984	30	9.0	9.2	5.7
Frederick	863	809	54	7.2	7.2	7.4
Baltimore Metro Area	19,407	14,438	4,969	8.9	9.1	8.4
Baltimore City	9,321	5,158	4,163	12.0	15.2	9.5
Baltimore County	5,478	5,201	277	8.3	8.8	4.2
Anne Arundel	2,419	2,070	349	6.4	6.3	7.1
Carroll	720	693	27	7.2	7.2	7.4
Howard	595	520	75	4.8	4.9	4.2
Harford	874	796	78	6.0	6.0	5.5
National Capital Area	7,366	6,088	1,278	5.9	6.8	3.5
Montgomery	3,722	3,448	274	6.3	6.8	3.2
Prince George's	3,644	2,640	1,004	5.5	6.8	3.6
Southern Area	1,039	809	230	6.0	5.8	6.5
Calvert	257	206	51	7.0	7.2	6.2
Charles	371	266	105	4.8	4.4	6.3
Saint Mary's	411	337	74	6.9	6.8	7.2
Eastern Shore Area	3,036	2,360	676	10.1	9.8	11.3
Cecil	464	433	31	7.6	7.5	8.8
Kent	179	140	39	10.6	10.7	10.1
Queen Anne's	247	177	70	9.2	7.9	16.3
Caroline	261	210	51	11.2	10.9	12.7
Talbot	299	237	62	11.2	11.2	10.9
Dorchester	369	259	110	12.1	12.2	12.0
Wicomico	626	480	146	9.6	9.6	10.0
Somerset	258	171	87	13.6	13.7	13.2
Worcester	333	253	80	10.6	10.9	9.7

*Death Rates are per 1,000 Population.

TABLE 31. DEATHS BY MONTH OF DEATH AND RACE, MARYLAND, 1981

	All Months	MONTH OF DEATH											
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
All Deaths	33,958	3,450	2,722	2,890	2,755	2,792	2,699	2,707	2,706	2,647	2,858	2,719	3,013
White	26,706	2,761	2,091	2,250	2,192	2,144	2,110	2,110	2,147	2,100	2,291	2,144	2,366
All Other Races	7,252	689	631	640	563	648	589	597	559	547	567	575	647

TABLE 32. DEATHS AND DEATH RATES BY AGE, SEX, AND RACE, MARYLAND, 1981

Sex and Race	NUMBER OF DEATHS									
		DEATHS BY AGE								
	All Ages	Under One Year	1 - 4	5 - 17	18 - 44	45 - 54	55 - 64	65 - 74	75 & Over	Not Stated
All Deaths	33,958	791	126	298	2,761	2,597	5,742	8,108	13,524	11
White	26,706	440	76	203	1,670	1,791	4,367	6,544	11,608	7
All Other Races	7,252	351	50	95	1,091	806	1,375	1,564	1,916	4
Male	18,127	443	72	189	1,904	1,626	3,539	4,691	5,656	7
White	14,022	251	41	137	1,166	1,122	2,731	3,787	4,783	4
All Other Races	4,105	192	31	52	738	504	808	904	873	3
Female	15,831	348	54	109	857	971	2,203	3,417	7,868	4
White	12,684	189	35	66	504	669	1,636	2,757	6,825	3
All Other Races	3,147	159	19	43	353	302	567	660	1,043	1
	DEATH RATES BY AGE*									
All Deaths	8.0	13.3	0.6	0.3	1.5	5.9	14.3	32.9	84.6	-
White	8.4	10.9	0.5	0.3	1.2	5.1	13.0	31.7	84.9	-
All Other Races	6.8	18.1	0.7	0.4	2.3	8.7	20.4	39.0	82.8	-
Male	8.8	14.6	0.6	0.4	2.1	7.5	18.7	44.1	106.2	-
White	9.0	12.2	0.5	0.4	1.7	6.5	17.2	42.5	107.0	-
All Other Races	8.1	19.7	0.8	0.4	3.3	11.5	26.0	51.9	102.3	-
Female	7.2	11.9	0.5	0.3	0.9	4.3	10.3	24.4	73.7	-
White	7.8	9.6	0.5	0.2	0.7	3.8	9.2	23.5	74.1	-
All Other Races	5.6	16.6	0.5	0.3	1.4	6.2	15.6	29.1	71.4	-

*Death Rates are Per 1,000 Population.

TABLE 33. DEATHS AND DEATH RATES FOR TWELVE LEADING CAUSES, BY SEX AND RACE, MARYLAND, 1981

Rank For Total Deaths	Causes of Death with 9th Revision International List Number	NUMBER OF DEATHS						
		ALL RACES			WHITE		ALL OTHER RACES	
		Total	Male	Female	Male	Female	Male	Female
	All Causes	33,958	18,127	15,831	14,022	12,684	4,105	3,147
1.	Diseases of the Heart (390-398, 402, 404-429)	12,785	6,742	6,043	5,549	5,026	1,193	1,017
2.	Malignant Neoplasms (140-208)	8,102	4,334	3,768	3,338	3,051	996	717
3.	Cerebrovascular Disease (430-438)	2,271	896	1,375	683	1,115	213	260
4.	Accidents and Adverse Effects (E800-E949)	1,431	1,018	413	781	347	237	66
	Motor Vehicle Accidents (E810-E825)	805	594	211	483	179	111	32
5.	Chronic Obstructive Pulmonary Diseases and Allied Conditions (490-496)	960	621	339	538	312	83	27
6.	Pneumonia and Influenza (480-487)	732	399	333	307	287	92	46
7.	Diabetes Mellitus (250)	612	240	372	173	265	67	107
8.	Suicide (E950-E959)	488	374	114	319	99	55	15
9.	Certain Conditions Originating in the Perinatal Period (760-779)	455	268	187	153	83	115	104
10.	Chronic Liver Disease and Cirrhosis (571)	444	282	162	205	115	77	47
11.	Homicide (E960-E978)	438	327	111	105	50	222	61
12.	Nephritis, Nephrotic Syndrome, and Nephrosis (580-589)	410	195	215	139	150	56	65
		DEATH RATES PER 100,000 POPULATION						
Deaths	All Causes	798.0	878.8	722.0	901.7	775.6	808.7	564.5
1.	Diseases of the Heart (390-398, 402, 404-429)	300.4	326.9	275.6	356.8	307.3	235.0	182.4
2.	Malignant Neoplasms (140-208)	190.4	210.1	171.8	214.7	186.6	196.2	128.6
3.	Cerebrovascular Disease (430-438)	53.4	43.4	62.7	43.9	68.2	42.0	46.6
4.	Accidents and Adverse Effects (E800-E949)	33.6	49.4	18.8	50.2	21.2	46.7	11.8
	Motor Vehicle Accidents (E810-E825)	18.9	28.8	9.6	31.1	10.9	21.9	5.7
5.	Chronic Obstructive Pulmonary Diseases and Allied Conditions (490-496)	22.6	30.1	15.5	34.6	19.1	16.4	4.8
6.	Pneumonia and Influenza (480-487)	17.2	19.3	15.2	19.7	17.6	18.1	8.3
7.	Diabetes Mellitus (250)	14.4	11.6	17.0	11.1	16.2	13.2	19.2
8.	Suicide (E950-E959)	11.5	18.1	5.2	20.5	6.1	10.8	2.7
9.	Certain Conditions Originating in the Perinatal Period (760-779)	10.7	13.0	8.5	9.8	5.1	22.7	18.7
10.	Chronic Liver Disease and Cirrhosis (571)	10.4	13.7	7.4	13.2	7.0	15.2	8.4
11.	Homicide (E960-E978)	10.3	15.9	5.1	6.8	3.1	43.7	10.9
12.	Nephritis, Nephrotic Syndrome, and Nephrosis (580-589)	9.6	9.5	9.8	8.9	9.2	11.0	11.7

TABLE 34. THE EIGHT LEADING CAUSES OF MALE DEATHS IN SPECIFIED AGE GROUPS,* MARYLAND, 1981

UNDER ONE YEAR			
Rank		Number	Percent
	All Causes	443	100.0
1.	Certain conditions originating in the perinatal period	267	60.3
2.	Congenital anomalies	86	19.4
3.	Sudden infant death syndrome (ICD 9 - 798.0)	55	12.4

AGES 1 - 17			
Rank		Number	Percent
	All Causes	261	100.0
1.	Accidents and adverse effects	122	46.7
2.	Malignant neoplasms	26	10.0
3.	Congenital anomalies	22	8.4
4.	Homicide	19	7.3
5.	Suicide	13	5.0

AGES 18 - 44			
	All Causes	1,904	100.0
1.	Accidents and adverse effects	528	27.7
2.	Diseases of heart	259	13.6
3.	Homicide	249	13.1
4.	Suicide	221	11.6
5.	Malignant neoplasms	199	10.5
6.	Chronic liver disease & cirrhosis	60	3.2
7.	Cerebrovascular disease	36	1.9
8.	Diabetes mellitus	21	1.1

AGES 45 - 64			
	All Causes	5,165	100.0
1.	Diseases of heart	2,066	40.0
2.	Malignant neoplasms	1,581	30.6
3.	Accidents & adverse effects	203	3.9
4.	Cerebrovascular disease	172	3.3
5.	Chronic liver disease & cirrhosis	149	2.9
6.	Chronic obstructive pulmonary diseases	118	2.3
7.	Suicide	90	1.7
8.	Diabetes mellitus	71	1.4

AGES 65 - 74			
	All Causes	4,691	100.0
1.	Diseases of heart	1,973	42.1
2.	Malignant neoplasms	1,341	28.6
3.	Cerebrovascular disease	248	5.3
4.	Chronic obstructive pulmonary disease	238	5.1
5.	Diabetes mellitus	76	1.6
5.	Accidents and adverse effects	76	1.6
7.	Pneumonia and influenza	72	1.5
8.	Chronic liver disease & cirrhosis	53	1.1

AGES 75 & OVER			
	All Causes	5,656	100.0
1.	Diseases of heart	2,434	43.0
2.	Malignant neoplasms	1,186	21.0
3.	Cerebrovascular disease	439	7.8
4.	Chronic obstructive pulmonary disease	258	4.6
5.	Pneumonia and influenza	241	4.3
6.	Atherosclerosis	108	1.9
7.	Accidents and adverse effects	84	1.5
8.	Diabetes mellitus	72	1.3

*Leading Causes are Shown Only for Ten or More Deaths in a Given Age Group.

TABLE 35. THE EIGHT LEADING CAUSES OF FEMALE DEATHS IN SPECIFIED AGE GROUPS,* MARYLAND, 1981

UNDER ONE YEAR			
Rank		Number	Percent
	All Causes	348	100.0
1.	Certain conditions originating in the perinatal period	187	53.7
2.	Congenital anomalies	92	26.4
3.	Sudden infant death syndrome (ICD 9 - 798.0)	34	9.8

AGES 1 - 17			
Rank		Number	Percent
	All Causes	163	100.0
1.	Accidents and adverse effects	56	34.4
2.	Malignant neoplasmss	25	15.3
3.	Congenital anomalies	14	8.6
4.	Homicide	12	7.4
5.	Diseases of heart	11	6.7

AGES 18 - 44			
	All Causes	857	100.0
1.	Malignant neoplasms	209	24.4
2.	Accidents and adverse effects	145	16.9
3.	Diseases of heart	102	11.9
4.	Homicide	72	8.4
5.	Suicide	61	7.1
6.	Cerebrovascular disease	47	5.5
7.	Chronic liver disease & cirrhosis	32	3.7
8.	Nephritis, nephrotic syndrome, and nephrosis	11	1.3
8.	Diabetes mellitus	11	1.3

AGES 45 - 64			
	All Causes	3,174	100.0
1.	Malignant neoplasms	1,360	42.8
2.	Diseases of heart	876	27.6
3.	Cerebrovascular disease	163	5.1
4.	Chronic obstructive pulmonary diseases	84	2.6
5.	Chronic liver disease & cirrhosis	69	2.2
6.	Accidents and adverse effects	62	2.0
7.	Diabetes mellitus	61	1.9
8.	Suicide	36	1.1

AGES 65 - 74			
	All Causes	3,417	100.0
1.	Diseases of heart	1,318	38.6
2.	Malignant neoplasms	1,024	30.0
3.	Cerebrovascular disease	234	6.8
4.	Diabetes mellitus	116	3.4
4.	Chronic obstructive pulmonary diseases	116	3.4
6.	Nephritis, nephrotic syndrome and nephrosis	63	1.8
7.	Accidents and adverse effects	49	1.4
8.	Pneumonia and influenza	29	.8

AGES 75 & OVER			
	All Causes	7,868	100.0
1.	Diseases of heart	3,729	47.4
2.	Malignant neoplasms	1,150	14.6
3.	Cerebrovascular disease	930	11.8
4.	Pneumonia and influenza	259	3.3
5.	Atherosclerosis	215	2.7
6.	Diabetes mellitus	183	2.3
7.	Nephritis, nephrotic syndrome and nephrosis	106	1.3
8.	Accidents and adverse effects	97	1.2

*Leading Causes are Shown Only for Ten or More Deaths in a Given Age Group.

TABLE 36. DEATHS FROM 72 SELECTED CAUSES, BY AGE, MARYLAND, 1981

Causes of Death with 9th Revision International List Number	All Ages	DEATHS BY AGE						
		Under One Year	1-17	18-44	45-64	65-74	75 & Over	Not Stated
All Causes	33,958	791	424	2,761	8,339	8,108	13,524	11
Shigellosis and amebiasis (004, 006)	-	-	-	-	-	-	-	-
Certain other intestinal infections (007-009)	6	1	1	-	-	1	3	-
Tuberculosis, all forms (010-018)	36	-	-	1	13	5	17	-
Tuberculosis, respiratory system (010-012)	25	-	-	1	9	3	12	-
Tuberculosis, other forms (013-018)	11	-	-	-	4	2	5	-
Whooping cough (033)	-	-	-	-	-	-	-	-
Streptococcal sore throat, scarlatina, and erysipelas (034-035)	-	-	-	-	-	-	-	-
Meningococcal infection (036)	4	1	1	1	1	-	-	-
Septicemia (038)	300	6	1	9	44	68	172	
Acute poliomyelitis (045)	-	-	-	-	-	-	-	-
Measles (055)	-	-	-	-	-	-	-	-
Viral Hepatitis (070)	11	-	1	6	2	1	1	-
Syphilis (090-097)	3	-	-	-	-	1	2	-
Other infectious and parasitic diseases (remainder of 000-139)	71	1	2	11	20	10	27	-

TABLE 36. DEATHS FROM 72 SELECTED CAUSES, BY AGE, MARYLAND, 1981 (CONTINUED - 2)

Causes of Death with 9th Revision International List Number	All Ages	DEATHS BY AGE						
		Under One Year	1-17	18-44	45-64	65-74	75 & Over	Not Stated
Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	8,102	1	51	408	2,941	2,365	2,336	-
Lip, oral cavity and pharynx (140-149)	196	-	-	12	97	53	34	-
Digestive organs and peritoneum (150-159)	2,100	-	2	61	671	643	723	-
Respiratory and intrathoracic organs (160-165)	2,194	-	-	61	990	712	431	-
Breast (174-175)	720	-	-	77	329	162	152	-
Genital organs (179-187)	841	-	2	35	232	248	324	-
Urinary organs (188-189)	334	-	4	4	100	91	135	-
All other unspecified sites (170-173, 190-199)	1,100	1	19	91	355	299	335	-
Leukemia (204-208)	264	-	21	37	51	70	85	-
Other malignant neoplasms of lymphatic and hematopietic tissues (200-203)	353	-	3	30	116	87	117	-
Benign neoplasms and neoplasms of unspecified nature (210-239)	169	-	7	15	46	44	57	-
Diabetes mellitus (250)	612	-	1	32	132	192	255	-
Nutritional deficiencies (260-269)	36	-	-	1	6	6	23	-
Anemias (280-285)	72	-	5	11	13	8	35	-
Meningitis (320-322)	23	4	-	1	6	4	8	-
Major cardiovascular diseases (390-448)	15,950	7	18	460	3,394	3,960	8,106	5

TABLE 36. DEATHS FROM 72 SELECTED CAUSES, BY AGE, MARYLAND, 1981 (CONTINUED - 3)

Causes of Death with 9th Revision International List Number	All Ages	DEATHS BY AGE						
		Under One Year	1-17	18-44	45-64	65-74	75 & Over	Not Stated
Diseases of heart (390-398, 402, 404-429)	12,785	6	18	361	2,942	3,291	6,163	4
Rheumatic fever and rheumatic heart disease (390-398)	117	-	-	6	42	31	38	-
Hypertensive heart disease (402)	677	-	1	32	199	185	260	-
Hypertensive heart and renal disease (404)	45	-	-	-	4	8	33	-
Ischemic heart disease (410-414)	6,664	-	-	116	1,592	1,922	3,033	1
Acute myocardial infarction (410)	4,189	-	-	73	1,148	1,307	1,661	-
Other acute/subacute forms of ischemic heart disease (411)	81	-	-	3	20	28	30	-
Angina pectoris (413)	12	-	-	-	-	6	6	-
All Other forms of chronic ischemic heart disease (412, 414)	2,382	-	-	40	424	581	1,336	1
Other diseases of endocardium (424)	106	-	-	5	25	27	49	-
All other heart diseases (415-423, 425-429)	5,176	6	17	202	1,080	1,118	2,750	3
Hypertension (401, 403)	133	-	-	3	20	31	79	-
Cerebrovascular diseases (430-438)	2,271	1	-	83	335	482	1,369	1
Intracerebral and other intracranial hemorrhage (431-432)	352	1	-	30	104	96	120	1
Cerebral thrombosis and unspecified occlusion of cerebral arteries (430.0, 434.9)	350	-	-	5	29	68	248	-
Cerebral embolism (434.1)	7	-	-	-	-	3	4	-
All other and late effects of cerebrovascular diseases (430, 433, 435-438)	1,562	-	-	48	202	315	997	-
Atherosclerosis (440)	384	-	-	-	21	40	323	-
Other diseases of arteries, arterioles, and capillaries (441-448)	377	-	-	13	76	116	172	-
Acute bronchitis and bronchiolitis (466)	11	1	-	-	-	4	6	-
Pneumonia and influenza (480-487)	732	5	6	27	93	101	500	-
Pneumonia (480-486)	703	5	6	27	91	99	475	-
Influenza (487)	29	-	-	-	2	2	25	-

TABLE 36. DEATHS FROM 72 SELECTED CAUSES, BY AGE, MARYLAND, 1981 (CONTINUED - 4)

Causes of Death with 9th Revision International List Number	All Ages	DEATHS BY AGE						
		Under One Year	1-17	18-44	45-64	65-74	75 & Over	Not Stated
Chronic obstructive pulmonary diseases and allied conditions (490-496)	960	-	3	15	202	354	386	-
Chronic unspecified bronchitis (490-491)	38	-	1	1	6	15	15	-
Emphysema (492)	179	-	-	3	48	67	61	-
Asthma (493)	28	-	1	10	9	5	3	-
Other chronic obstructive pulmonary diseases and allied conditions (494-496)	715	-	1	1	139	267	307	-
Ulcer of stomach and duodenum (531-533)	100	1	-	6	24	22	47	-
Appendicitis (540-543)	11	-	-	2	2	3	4	-
Hernia of abdominal cavity and intestinal obstruction without mention of hernia (550-553, 560)	96	-	2	5	12	18	59	-
Chronic liver disease and cirrhosis (571)	444	-	1	92	218	88	45	-
Cholelithiases and other disorders of the gallbladder (574-575)	44	-	-	-	6	12	26	-
Nephritis, nephrotic syndrome and nephrosis (580-589)	410	4	2	20	71	125	188	-
Acute glomerulonephritis and nephrotic syndrome (580-581)	-	-	-	-	-	-	-	-
Chronic and unqualified nephritis and renal sclerosis (582, 583, 587)	26	-	-	2	3	8	13	-
Renal failure (584-586, 588-589)	384	4	2	18	68	117	175	-
Infections of kidney (590)	27	-	-	-	3	4	20	-
Hyperplasis of prostrate (600)	12	-	-	-	-	2	10	-

TABLE 36. DEATHS FROM 72 SELECTED CAUSES, BY AGE, MARYLAND, 1981 (CONTINUED - 5)

Causes of Death with 9th Revision International List Number	All Ages	DEATHS BY AGE						
		Under One Year	1-17	18-44	45-64	65-74	75 & Over	Not Stated
Complications of pregnancy, childbirth and the puerperium (630-676)	4	-	-	4	-	-	-	-
Pregnancy with abortive outcome (630-638)	-	-	-	-	-	-	-	-
Other complications of pregnancy, childbirth, and the puerperium (640-676)	4	-	-	4	-	-	-	-
Congenital anomolies (740-759)	254	178	36	17	13	5	5	-
Certain condtions originating in the perinatal period (760-779)	455	454	1	-	-	-	-	-
Birth trauma, intrauterine hypoxia, birth asphyxia, and respiratory distress syndrome (767-769)	119	118	1	-	-	-	-	-
Other conditions originating in the perinatal period (760-766, 770-779)	336	336	-	-	-	-	-	-
Symptoms, signs and ill-defined conditions (780-799)	323	93	18	65	45	36	63	3
All other diseases (residual)	2,226	18	38	232	551	485	900	2
Accidents and adverse effects (E800-E949)	1,431	9	178	673	265	125	181	-
Motor vehicle accidents (E810-E825)	805	4	103	480	138	49	31	-
All other accidents and adverse effects (E800-E807, E826-E949)	626	5	75	193	127	76	150	-
Suicide (E950-E959)	488	-	15	282	126	41	24	-
Homicide (E960-E978)	438	3	31	321	66	8	9	-
All other external causes (E980-E999)	97	4	5	44	24	10	9	1

TABLE 37. DEATHS FROM 34 SELECTED CAUSES, BY REGION AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Causes of Death	Tuberculosis (All Forms)	Syphilis and Sequelae	Other Infectious Parasitic Diseases	MALIGNANT NEOPLASMS OF: Total	Digestive Organs and Peritoneum	Respiratory System	Breast	Genital Organs	Urinary Organs	Leukemia	Other
Maryland State	33,958	36	3	392	8,102	2,100	2,194	720	841	334	264	1,649
Northwest Area	3,110	2	1	15	665	188	169	51	80	30	27	120
Garrett	244	-	-	-	33	12	6	3	4	2	1	5
Allegany	989	-	-	7	205	62	48	13	26	11	10	35
Washington	1,014	1	-	5	223	58	67	19	31	5	10	33
Frederick	863	1	1	3	204	56	48	16	19	12	6	47
Baltimore Metro Area	19,407	22	-	274	4,672	1,212	1,276	383	477	191	132	1,001
Baltimore City	9,321	14	-	164	2,092	551	578	165	232	69	46	451
Baltimore County	5,478	3	-	59	1,416	367	383	111	139	67	41	308
Anne Arundel	2,419	2	-	25	630	168	162	63	59	30	19	129
Carroll	720	1	-	13	172	42	51	13	18	6	9	33
Howard	595	-	-	4	152	24	48	15	15	10	9	31
Harford	874	2	-	9	210	60	54	16	14	9	8	49
National Capital Area	7,366	7	1	79	1,806	468	453	216	173	69	66	361
Montgomery	3,722	3	1	35	959	252	210	124	92	42	39	200
Prince George's	3,644	4	-	44	847	216	243	92	81	27	27	161
Southern Area	1,039	2	-	6	252	64	75	15	19	14	13	52
Calvert	257	1	-	1	67	14	17	6	8	4	5	13
Charles	371	1	-	4	81	22	26	2	4	4	7	16
Saint Mary's	411	-	-	1	104	28	32	7	7	6	1	23
Eastern Shore Area	3,036	3	1	18	707	168	221	55	92	30	26	115
Cecil	464	-	-	4	104	28	38	8	11	4	8	7
Kent	179	-	-	-	50	14	16	1	6	3	2	8
Queen Anne's	247	-	-	-	57	11	16	5	12	-	1	12
Caroline	261	-	1	4	56	12	17	5	10	3	2	7
Talbot	299	2	-	1	71	21	18	3	10	4	2	13
Dorchester	369	-	-	-	92	19	31	9	5	6	5	17
Wicomico	626	1	-	2	146	35	43	10	20	9	4	25
Somerset	258	-	-	6	54	11	17	5	9	1	1	10
Worcester	333	-	-	1	77	17	25	9	9	-	1	16

TABLE 37. DEATHS FROM 34 SELECTED CAUSES, BY REGION AND POLITICAL SUBDIVISION, 1981 (CONTINUED)

Area of Residence	Diabetes Mellitus	DISEASES OF THE HEART					Hyper-tension	Cerebro-vascular Disease	Athero-sclerosis
		Total	Rheumatic Fever and Chronic Rheumatic Heart Disease	Hyper-tensive Heart Disease	Ischemic Heart Disease	Other Heart Disease			
Maryland State	612	12,785	117	722	6,664	5,282	133	2,271	384
Northwest Area	65	1,288	17	38	853	380	11	239	57
Garrett	6	116	-	5	78	33	1	7	15
Allegany	17	426	5	4	306	111	1	86	12
Washington	20	433	6	15	292	120	4	75	21
Frederick	22	313	6	14	177	116	5	71	9
Baltimore Metro Area	367	7,420	59	412	3,599	3,350	76	1,214	151
Baltimore City	198	3,541	24	244	1,470	1,803	51	586	64
Baltimore County	80	2,192	18	87	1,199	888	13	359	41
Anne Arundel	49	853	9	38	477	329	6	150	28
Carroll	17	282	4	17	157	104	1	44	5
Howard	11	206	2	8	92	104	2	25	3
Harford	12	346	2	18	204	122	3	50	10
National Capital Area	110	2,534	29	185	1,304	1,016	32	489	101
Montgomery	44	1,326	13	64	746	503	19	273	64
Prince George's	66	1,208	16	121	558	513	13	216	37
Southern Area	17	344	4	19	194	127	5	68	30
Calvert	7	77	2	3	42	30	1	15	16
Charles	5	140	2	13	72	53	2	19	5
Saint Mary's	5	127	-	3	80	44	2	34	9
Eastern Shore Area	53	1,199	8	68	714	409	9	261	45
Cecil	8	195	-	9	129	57	1	27	8
Kent	1	73	-	2	30	41	1	13	-
Queen Anne's	8	98	2	4	61	31	2	12	1
Caroline	8	103	1	6	66	30	-	21	3
Talbot	3	127	1	4	76	46	1	33	3
Dorchester	6	145	1	8	96	40	-	32	9
Wicomico	9	227	1	20	135	71	2	79	6
Somerset	4	87	1	8	44	34	-	24	13
Worcester	6	144	1	7	77	59	2	20	2

TABLE 37. DEATHS FROM 34 SELECTED CAUSES, BY REGION AND POLITICAL SUBDIVISION, 1981 (CONTINUED)

Area of Residence	Other Diseases of Arterioles and Capillaries	Pneumonia and Influenza	Chronic Obstructive Pulmonary Diseases	Peptic Ulcer	Chronic Liver Disease & Cirrhosis	Nephritis Nephrotic Syndrome and Nephrosis	Maternal Deaths	Congenital Anomalies	Certain Conditions in Perinatal Period	Symptoms and Ill-defined Conditions	All Other Diseases
Maryland State	377	732	960	100	444	410	5	254	455	323	2,726
Northwest Area	41	82	106	14	26	28	1	22	37	18	194
Garrett	3	10	9	1	5	2	-	1	7	-	16
Allegany	11	22	36	9	7	9	-	3	5	6	64
Washington	12	23	32	1	6	9	-	9	5	7	71
Frederick	15	27	29	3	8	8	1	9	20	5	43
Baltimore Metro Area	217	417	491	62	274	275	3	141	221	186	1,636
Baltimore City	101	204	211	31	137	151	2	57	114	123	894
Baltimore County	64	113	143	22	74	72	-	44	45	26	399
Anne Arundel	31	53	63	6	29	26	1	18	34	19	189
Carroll	3	16	30	-	9	6	-	4	8	5	40
Howard	10	11	17	2	9	13	-	9	4	2	60
Harford	8	20	27	1	16	7	-	9	16	11	54
National Capital Area	81	153	221	18	99	73	-	60	146	82	625
Montgomery	44	95	116	8	37	31	-	32	41	27	307
Prince George's	37	58	105	10	62	42	-	28	105	55	318
Southern Area	13	17	32	2	8	11	-	10	23	12	76
Calvert	2	3	8	-	2	2	-	3	4	-	18
Charles	5	5	10	2	4	2	-	5	9	10	31
Saint Mary's	6	9	14	-	2	7	-	2	10	2	27
Eastern Shore Area	25	63	110	4	37	23	1	21	28	25	195
Cecil	2	10	18	-	7	4	-	3	4	4	27
Kent	2	3	6	-	1	3	-	1	1	-	15
Queen Anne's	6	8	9	1	6	-	1	1	2	2	19
Caroline	1	5	9	1	3	5	-	1	3	4	14
Talbot	4	5	9	-	2	2	-	2	2	1	17
Dorchester	1	7	14	-	3	2	-	3	2	4	19
Wicomico	2	13	25	1	8	3	-	2	11	3	39
Somerset	1	5	7	-	4	3	-	1	2	4	22
Worcester	6	7	13	1	3	1	-	7	1	3	23

TABLE 37. DEATHS FROM 34 SELECTED CAUSES, BY REGION AND POLITICAL SUBDIVISION, 1981 (CONTINUED)

Area of Residence	ACCIDENTS AND ADVERSE EFFECTS			Suicide	Homicide	All Other External Causes
	Total	Motor Vehicle Accds.	All Other Accidents			
Maryland State	1,431	805	626	488	438	97
Northwest Area	146	86	60	36	14	2
Garrett	10	5	5	2	-	-
Allegany	51	21	30	6	6	-
Washington	41	27	14	13	3	-
Frederick	44	33	11	15	5	2
Baltimore Metro Area	689	355	334	239	300	60
Baltimore City	261	79	182	75	218	32
Baltimore County	170	107	63	80	45	18
Anne Arundel	136	86	50	48	19	4
Carroll	47	34	13	9	5	3
Howard	34	25	9	14	6	1
Harford	41	24	17	13	7	2
National Capital Area	377	226	151	153	99	20
Montgomery	165	105	60	66	21	8
Prince George's	212	121	91	87	78	12
Southern Area	78	49	29	26	5	2
Calvert	18	9	9	7	4	1
Charles	23	20	3	6	1	1
Saint Mary's	37	20	17	13	-	-
Eastern Shore Area	141	89	52	34	20	13
Cecil	27	19	8	5	2	4
Kent	6	5	1	1	1	1
Queen Anne's	10	8	2	4	-	-
Caroline	10	6	4	7	2	-
Talbot	10	6	4	3	1	-
Dorchester	20	13	7	5	2	3
Wicomico	31	17	14	4	9	3
Somerset	18	9	9	1	2	-
Worcester	9	6	3	4	1	2

TABLE 38. DEATH RATES* FOR SEVEN LEADING CAUSES, BY REGION AND POLITICAL SUBDIVISION, 1981

Area of Residence	All Causes of Death	Diseases of the Heart	Malignant Neoplasms	Cerebro-vascular Disease	ACCIDENTS			Chronic Obstructive Pulmonary Diseases	Pneumonia and Influenza	Diabetes Mellitus
					All Acci-dents	Motor Vehicle Accds.	All Other Accds.			
Maryland State	798.0	300.4	190.4	53.4	33.6	18.9	14.7	22.6	17.2	14.4
Northwest Area	913.2	378.2	195.3	70.2	42.9	25.3	17.6	31.1	24.1	19.1
Garrett	891.2	423.7	120.5	25.6	36.5	18.3	18.3	32.9	36.5	21.9
Allegany	1232.7	531.0	255.5	107.2	63.6	26.2	37.4	44.9	27.4	21.2
Washington	900.9	384.7	198.1	66.6	36.4	24.0	12.4	28.4	20.4	17.8
Frederick	716.8	260.0	169.4	59.0	36.5	27.4	9.1	24.1	22.4	18.3
Baltimore Metro Area	889.2	340.0	214.1	55.6	31.6	16.3	15.3	22.5	19.1	16.8
Baltimore City	1201.0	456.3	269.6	75.5	33.6	10.2	23.5	27.2	26.3	25.5
Baltimore County	832.0	332.9	215.1	54.5	25.8	16.3	9.6	21.7	17.2	12.2
Anne Arundel	643.0	226.7	167.5	39.9	36.2	22.9	13.3	16.8	14.1	13.0
Carroll	718.1	281.2	171.5	43.9	46.9	33.9	13.0	29.9	16.0	17.0
Howard	476.4	165.0	121.7	20.0	27.2	20.0	7.2	13.6	8.8	8.8
Harford	596.3	236.1	143.3	34.1	28.0	16.4	11.6	18.4	13.7	8.2
National Capital Area	585.7	201.5	143.6	38.9	30.0	18.0	12.0	17.6	12.2	8.8
Montgomery	630.3	224.5	162.4	46.2	27.9	17.8	10.2	19.6	16.1	7.5
Prince George's	546.3	181.1	127.0	32.4	31.8	18.1	13.6	15.7	8.7	9.9
Southern Area	597.2	197.7	144.8	39.1	44.8	28.2	16.7	18.4	9.8	9.8
Calvert	695.5	208.4	181.3	40.6	48.7	24.4	24.4	21.7	8.1	18.9
Charles	480.6	181.4	104.9	24.6	29.8	25.9	3.9	130.0	6.5	6.5
Saint Mary's	687.0	212.3	173.8	56.8	61.8	33.4	28.4	23.4	15.0	8.4
Eastern Shore Area	1009.3	398.6	235.0	86.8	46.9	29.6	17.3	36.6	20.9	17.6
Cecil	758.2	318.6	169.9	44.1	44.1	31.1	13.1	29.4	16.3	13.1
Kent	1057.3	431.2	295.3	76.8	35.4	29.5	5.9	35.4	17.7	5.9
Queen Anne's	923.0	366.2	213.0	44.8	37.4	29.9	7.5	33.6	29.9	29.9
Caroline	1118.3	441.3	239.9	90.0	42.8	25.7	17.1	38.6	21.4	34.3
Talbot	1116.5	474.2	265.1	123.2	37.3	22.4	14.9	33.6	18.7	11.2
Dorchester	1213.8	477.0	302.6	105.3	65.8	42.8	23.0	46.1	23.0	19.7
Wicomico	964.7	349.8	225.0	121.7	47.8	26.2	21.6	38.5	20.0	13.9
Somerset	1355.8	457.2	283.8	126.1	94.6	47.3	47.3	36.8	26.3	21.0
Worcester	1057.8	457.4	244.6	63.5	28.6	19.1	9.5	41.3	22.2	19.1

*Death Rates are Per 100,000 Population.

TABLE 39. ACCIDENTAL DEATHS BY TYPE OF ACCIDENT BY SEX AND RACE, MARYLAND, 1981

Type of Accident (with 9th Revision) International List Number ICD 9)	Total	Male	Female	DEATHS BY AGE							
				Under 1 Year	1-4	5-14	15-24	25-44	45-64	65 & Over	Unknown
All Accidents (E800-E949)	1,431	1,018	413	9	43	62	384	362	265	306	-
Motor vehicle accidents (E810-E825)	805	594	211	4	16	33	292	242	138	80	-
Traffic accident involving pedestrian (E814)	126	97	29	-	4	16	29	26	28	23	-
Collision with another motor vehicle (E811 & E812)	304	207	97	3	4	5	98	106	63	25	-
Other traffic accidents involving collision (E810, E813, E815)	213	172	41	1	1	6	103	73	14	15	-
Noncollision accident due to loss of control (E816)	63	49	14	-	1	1	28	18	13	2	-
Other & unspecified (E817-E825)	99	69	30	-	6	5	34	19	20	15	-
Other transport accidents (E800-E807,E826-E848)	30	25	5	-	1	1	9	12	5	2	-
Railway accidents (E800-E807)	4	4	-	-	-	-	3	1	-	-	-
Other road vehicle accidents (E826-E829)	3	2	1	-	1	-	-	-	1	1	-
Water transport accidents (E830-E838)	15	14	1	-	-	-	4	6	4	1	-
Air & space transport accidents (E840-E845)	8	5	3	-	-	1	2	5	-	-	-
Other Vehicle Accidents (E846-E848)	-	-	-	-	-	-	-	-	-	-	-
Accidental poisoning by drugs and medicaments (E850-E858)	19	12	7	1	-	-	4	10	1	3	-
Accidental poisoning by other solid and liquid substances (E860-E866)	3	3	-	-	2	-	-	1	-	-	-
Accidental poisoning by gases & vapors (E867-E869)	12	9	3	-	-	-	6	1	2	3	-
Accidental falls (E880-E888)	223	129	94	-	-	1	1	32	49	140	-
Accidents caused by fire and flame (E890-E899)	82	53	29	1	13	9	4	15	17	23	-
Accidental drowning (E910)	85	68	17	-	8	11	26	20	10	10	-
Accidents caused by suffocation (E911-E913)	53	29	24	2	2	3	4	4	13	25	-
Struck by falling object (E916)	8	8	-	-	-	-	3	2	3	-	-
Accident caused by firearm missiles (E922)	12	11	1	-	-	1	8	1	1	1	-
Accident caused by explosive material (E923)	8	8	-	-	-	-	3	5	-	-	-
Accident caused by electrical current (E925)	20	18	2	-	-	-	10	6	3	1	-
All other accidental causes (residual)	71	51	20	1	1	3	14	11	23	18	-

TABLE 40. DEATHS OCCURRING IN INSTITUTIONS BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF HOSPITAL DEATHS			NUMBER OF NURSING HOME DEATHS			PERCENT OF ALL DEATHS OCCURRING IN HOSPITALS AND NURSING HOMES		
	Total	White	All Other Races	Total	White	All Other Races	Total	White	All Other Races
Maryland State	22,870	17,717	5,153	3,830	3,413	417	78.6	79.1	76.8
Northwest Area	1,995	1,927	68	429	417	12	77.9	77.8	80.8
Garrett	130	130	-	45	45	-	71.7	71.7	-
Allegany	655	644	11	110	110	-	77.4	77.4	73.3
Washington	681	664	17	160	152	8	82.9	82.9	83.3
Frederick	529	489	40	114	110	4	74.5	74.0	81.5
Baltimore Metro Area	12,940	9,510	3,430	2,046	1,759	287	77.2	78.1	74.8
Baltimore City	6,018	3,201	2,817	947	714	233	74.7	75.9	73.3
Baltimore County	3,561	3,367	194	647	629	18	76.8	76.8	76.5
Anne Arundel	1,849	1,561	288	225	203	22	85.7	85.2	88.8
Carroll	455	437	18	103	99	4	77.5	77.3	81.5
Howard	395	343	52	58	52	6	76.1	76.0	77.3
Harford	662	601	61	66	62	4	83.3	83.3	83.3
National Capital Area	5,024	4,064	960	882	832	50	80.2	80.4	79.0
Montgomery	2,386	2,183	203	608	594	14	80.4	80.5	79.2
Prince George's	2,638	1,881	757	274	238	36	79.9	80.3	79.0
Southern Area	830	638	192	63	51	12	85.9	85.2	88.7
Calvert	203	161	42	21	17	4	87.2	86.4	90.2
Charles	320	227	93	24	20	4	92.7	92.9	92.4
Saint Mary's	307	250	57	18	14	4	79.1	78.3	82.4
Eastern Shore Area	2,081	1,578	503	410	354	56	82.0	81.9	82.7
Cecil	376	346	30	44	44	-	90.5	90.1	96.8
Kent	105	78	27	27	22	5	73.7	71.4	82.1
Queen Anne's	161	110	51	35	27	8	79.4	77.4	84.3
Caroline	164	127	37	36	32	4	76.6	75.7	80.4
Talbot	221	166	55	42	39	3	88.0	86.5	93.5
Dorchester	274	188	86	24	20	4	80.8	80.3	81.8
Wicomico	420	322	98	99	85	14	82.9	84.8	76.7
Somerset	164	97	67	44	35	9	80.6	77.2	87.4
Worcester	196	144	52	59	50	9	76.6	76.7	76.3

TABLE 41. DEATHS BY PLACE OF RESIDENCE AND OCCURRENCE, RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	DEATHS BY AREA OF RESIDENCE			DEATHS IN MARYLAND BY AREA OF DEATH		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	33,958	26,706	7,252	33,491	26,519	6,972
Northwest Area	3,110	3,011	99	3,214	3,116	98
Garrett	244	244	-	264	261	3
Allegany	989	974	15	1,093	1,077	16
Washington	1,014	984	30	1,109	1,074	35
Frederick	863	809	54	748	704	44
Baltimore Metro Area	19,407	14,438	4,969	19,545	14,538	5,007
Baltimore City	9,321	5,158	4,163	11,527	7,153	4,374
Baltimore County	5,478	5,201	277	4,504	4,266	238
Anne Arundel	2,419	2,070	349	1,813	1,550	263
Carroll	720	693	27	579	554	25
Howard	595	520	75	327	288	39
Harford	874	796	78	795	727	68
National Capital Area	7,366	6,088	1,278	6,891	5,821	1,070
Montgomery	3,722	3,448	274	3,952	3,611	341
Prince George's	3,644	2,640	1,004	2,939	2,210	729
Southern Area	1,039	809	230	775	609	166
Calvert	257	206	51	203	165	38
Charles	371	266	105	257	182	75
Saint Mary's	411	337	74	315	262	53
Eastern Shore Area	3,036	2,360	676	3,066	2,435	631
Cecil	464	433	31	483	441	42
Kent	179	140	39	168	136	32
Queen Anne's	247	177	70	90	74	16
Caroline	261	210	51	80	69	11
Talbot	299	237	62	524	410	114
Dorchester	369	259	110	313	217	96
Wicomico	626	480	146	1,106	850	256
Somerset	258	171	87	136	101	35
Worcester	333	253	80	166	137	29

TABLE 42. DEATHS TO RESIDENTS OF MARYLAND, AND DEATHS OCCURRING IN MARYLAND, BY AREA OF RESIDENCE AND AREA OF OCCURRENCE, 1981

Area of Residence	AREA OF OCCURRENCE OF DEATH						
		State of Maryland					
	All Areas of Occurrence	State Totals	MD County Same as Residence	MD County Other Than Residence	Baltimore City	District of Columbia	Other States
Maryland State	33,958	31,343	16,293	3,805	11,245	1,554	1,061
Northwest Area	3,110	2,853	2,558	210	85	36	221
Garrett	244	214	172	36	6	1	29
Allegany	989	922	854	49	19	8	59
Washington	1,014	938	896	20	22	7	69
Frederick	863	779	636	105	38	20	64
Baltimore Metro Area	19,407	18,956	6,122	1,919	10,915	108	343
Baltimore City	9,321	9,214	XXX	1,122	8,092	9	98
Baltimore County	5,478	5,365	3,232	204	1,929	6	107
Anne Arundel	2,419	2,308	1,571	216	521	58	53
Carroll	720	672	440	130	102	8	40
Howard	595	564	252	150	162	15	16
Harford	874	833	627	97	109	12	29
National Capital Area	7,366	5,823	5,126	599	98	1,292	251
Montgomery	3,722	3,020	2,819	165	36	555	147
Prince George's	3,644	2,803	2,307	434	62	737	104
Southern Area	1,039	901	667	199	35	108	30
Calvert	257	224	163	45	16	28	5
Charles	371	312	214	91	7	45	14
Saint Mary's	411	365	290	63	12	35	11
Eastern Shore Area	3,036	2,810	1,820	878	112	10	216
Cecil	464	384	283	82	19	3	77
Kent	179	169	126	36	7	1	9
Queen Anne's	247	230	61	150	19	-	17
Caroline	261	228	68	147	13	1	32
Talbot	299	290	246	37	7	1	8
Dorchester	369	351	259	73	19	1	17
Wicomico	626	597	538	40	19	1	28
Somerset	258	248	125	120	3	-	10
Worcester	333	313	114	193	6	2	18

FETAL AND INFANT DEATHS

TABLE 43. FETAL DEATHS AND FETAL DEATH RATES BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF FETAL DEATHS			FETAL DEATH RATES*		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	602	352	250	9.7	8.4	12.2
Northwest Area	43	39	4	9.1	8.8	13.2
Garrett	2	2	-	4.8	4.8	-
Allegany	14	13	1	13.8	13.2	33.3
Washington	18	17	1	13.0	13.1	11.1
Frederick	9	7	2	4.7	4.0	11.0
Baltimore Metro Area	324	182	142	10.2	8.9	12.6
Baltimore City	148	45	103	11.7	10.7	12.2
Baltimore County	82	67	15	10.1	9.7	12.6
Anne Arundel	54	38	16	9.6	8.2	15.6
Carroll	13	13	-	9.1	9.4	-
Howard	11	6	5	6.2	4.0	17.6
Harford	16	13	3	7.6	7.2	10.0
National Capital Area	173	88	85	9.3	7.6	11.9
Montgomery	70	54	16	9.0	8.8	10.0
Prince George's	103	34	69	9.4	6.3	12.4
Southern Area	24	16	8	8.3	7.2	11.8
Calvert	2	2	-	3.5	4.8	-
Charles	10	7	3	8.1	7.4	10.5
Saint Mary's	12	7	5	10.9	8.2	20.9
Eastern Shore Area	38	27	11	9.1	8.8	10.0
Cecil	5	5	-	5.8	6.1	-
Kent	2	1	1	9.8	6.5	20.4
Queen Anne's	10	7	3	26.2	23.0	39.5
Caroline	2	2	-	5.8	7.5	-
Talbot	3	3	-	8.2	12.1	-
Dorchester	6	1	5	15.2	4.1	32.9
Wicomico	6	6	-	6.3	9.3	-
Somerset	2	1	1	7.8	7.6	7.9
Worcester	2	1	1	5.0	3.9	6.8

*Fetal Death Rates are Per 1,000 Total Births (Live Births Plus Fetal Deaths).

TABLE 44. INFANT DEATHS AND INFANT MORTALITY RATES BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NUMBER OF INFANT DEATHS			INFANT MORTALITY RATES*		
	Total	White	All Other Races	Total	White	All Other Races
Maryland State	791	440	351	12.8	10.6	17.3
Northwest Area	61	54	7	13.0	12.3	23.5
Garrett	9	9	-	21.8	21.9	-
Allegany	10	10	-	10.0	10.3	-
Washington	12	11	1	8.8	8.6	11.2
Frederick	30	24	6	15.6	13.8	33.5
Baltimore Metro Area	414	211	203	13.2	10.4	18.3
Baltimore City	212	45	167	17.0	10.8	20.1
Baltimore County	85	71	14	10.6	10.4	12.0
Anne Arundel	61	43	18	10.9	9.4	17.9
Carroll	15	15	-	10.6	11.0	-
Howard	13	13	-	7.4	8.8	-
Harford	28	24	4	13.3	13.3	13.5
National Capital Area	224	124	100	12.1	10.8	14.1
Montgomery	75	49	26	9.8	8.0	16.4
Prince George's	149	75	74	13.8	14.1	13.5
Southern Area	40	24	16	13.9	10.8	23.9
Calvert	7	5	2	12.4	12.1	13.2
Charles	19	10	9	15.5	10.6	31.8
Saint Mary's	14	9	5	12.8	10.5	21.4
Eastern Shore Area	52	27	25	12.6	8.9	22.9
Cecil	7	7	-	8.1	8.6	-
Kent	2	1	1	9.9	6.5	20.8
Queen Anne's	3	1	2	8.1	3.4	27.4
Caroline	6	4	2	17.4	15.1	25.3
Talbot	3	1	2	8.2	4.1	16.8
Dorchester	6	3	3	15.5	12.4	20.4
Wicomico	16	8	8	16.9	12.5	26.1
Somerset	4	1	3	15.7	7.7	24.0
Worcester	5	1	4	12.5	4.0	27.2

*Infant Mortality Rates are Per 1,000 Live Births.

TABLE 45. NEONATAL DEATHS, NEONATAL MORTALITY RATES, AND PERINATAL DEATH RATES, BY RACE, REGION, AND POLITICAL SUBDIVISION, 1981

Area of Residence	NEONATAL DEATHS			NEONATAL MORTALITY RATES*			PERINATAL DEATH RATES**		
	Total	White	All Other Races	Total	White	All Other Races	Total	White	All Other Races
Maryland State	578	323	255	9.4	7.8	12.6	19.0	16.2	24.6
Northwest Area	47	41	6	10.0	9.3	20.1	19.0	18.0	33.1
Garrett	8	8	-	19.4	19.5	-	24.2	24.2	-
Allegany	8	8	-	8.0	8.2	-	21.7	21.3	33.3
Washington	7	7	-	5.1	5.5	-	18.0	18.5	11.1
Frederick	24	18	6	12.5	10.4	33.5	17.1	14.3	44.2
Baltimore Metro Area	288	143	145	9.2	7.1	13.1	19.3	15.9	25.5
Baltimore City	145	29	116	11.6	6.9	14.0	23.2	17.5	26.0
Baltimore County	63	51	12	7.9	7.4	10.2	17.9	17.1	22.8
Anne Arundel	45	30	15	8.1	6.6	14.9	17.6	14.7	30.3
Carroll	9	9	-	6.4	6.6	-	15.5	15.9	-
Howard	8	8	-	4.5	5.4	-	10.7	9.4	17.6
Harford	18	16	2	8.6	8.9	6.8	16.1	16.0	16.7
National Capital Area	173	99	74	9.3	8.7	10.5	18.5	16.2	22.2
Montgomery	57	36	21	7.4	5.9	13.2	16.4	14.6	23.1
Prince George's	116	63	53	10.7	11.8	9.7	20.1	18.1	22.0
Southern Area	29	19	10	10.1	8.6	14.9	18.2	15.7	26.6
Calvert	5	3	2	8.8	7.2	13.2	12.3	12.0	13.2
Charles	14	9	5	11.4	9.6	17.7	19.5	16.9	28.0
Saint Mary's	10	7	3	9.2	8.2	12.8	19.9	16.2	33.5
Eastern Shore Area	41	21	20	9.9	6.9	18.3	19.0	15.7	28.2
Cecil	5	5	-	5.8	6.1	-	11.6	12.2	-
Kent	1	-	1	5.0	-	20.8	14.7	6.5	40.8
Queen Anne's	2	1	1	5.4	3.4	13.7	31.5	26.2	52.6
Caroline	4	2	2	11.6	7.5	25.3	17.3	15.0	25.3
Talbot	3	1	2	8.2	4.1	16.8	16.3	16.1	16.8
Dorchester	4	3	1	10.3	12.4	6.8	25.4	16.5	39.5
Wicomico	14	7	7	14.8	10.9	22.9	21.0	20.1	22.9
Somerset	3	1	2	11.8	7.7	16.0	19.5	15.3	23.8
Worcester	5	1	4	12.5	4.0	27.2	17.4	7.9	33.8

*Neonatal Mortality Rates are per 1,000 Live Births.
**Perinatal Death Rates are per 1,000 Total Births (Live Births Plus Fetal Deaths).

MARRIAGES

TABLE 46. MARRIAGES BY RESIDENT STATUS AND TYPE OF CEREMONY, BY REGION AND POLITICAL SUBDIVISION OF OCCURRENCE, 1981

Area of Residence	MARRIAGES* BY RESIDENCE				TYPE OF CEREMONY		
			Non-residents***			Civil	
	Total	Maryland** Residents	Number	Per cent	Religious	Number	Per cent
Maryland State	47,128	37,481	9,647	20.5	30,039	17,089	36.3
Northwest Area	5,190	3,115	2,075	40.0	2,992	2,198	42.4
Garrrett	888	253	635	71.5	423	465	52.4
Allegany	1,170	755	415	35.5	699	471	40.3
Washington	1,990	1,131	859	43.2	1,043	947	47.6
Frederick	1,142	976	166	14.5	827	315	27.6
Baltimore Metro Area	20,778	19,427	1,351	6.5	14,432	6,346	30.5
Baltimore City	7,307	7,059	248	3.4	4,915	2,392	32.7
Baltimore County	6,149	5,844	305	5.0	4,538	1,611	26.2
Anne Arundel	3,669	3,352	317	8.6	2,646	1,023	27.9
Carroll	979	795	184	18.8	656	323	33.0
Howard	1,213	1,149	64	5.3	782	431	35.5
Harford	1,461	1,228	233	15.9	895	566	38.7
National Capital Area	12,918	10,523	2,395	18.5	8,085	4,833	37.4
Montgomery	6,530	4,999	1,531	23.4	4,444	2,086	31.9
Prince George's	6,388	5,524	864	13.5	3,641	2,747	43.0
Southern Area	1,570	1,451	119	7.6	923	647	41.2
Calvert	294	276	18	6.1	221	73	24.8
Charles	693	618	75	10.8	379	314	45.3
Saint Mary's	583	557	26	4.5	323	260	44.6
Eastern Shore Area	6,672	2,965	3,707	55.6	3,607	3,065	45.9
Cecil	3,715	734	2,981	80.2	1,386	2,329	62.7
Kent	187	157	30	16.0	145	42	22.5
Queen Anne's	171	160	11	6.4	131	40	23.4
Caroline	451	238	213	47.2	333	118	26.2
Talbot	316	279	37	11.7	269	47	14.9
Dorchester	243	223	20	8.2	220	23	9.5
Wicomico	870	664	206	23.7	617	253	29.1
Somerset	217	195	22	10.1	149	68	31.3
Worcester	502	315	187	37.3	357	145	28.9

*Marriages Refer to the Number of Ceremonies Performed in Maryland Areas - Not the Number of Persons Married.
**One or Both Partners were Residents of Maryland.
**Both Partners were Non-residents of Maryland.

TABLE 47. MARRIAGES BY AGE OF BRIDE AND PREVIOUS MARITAL STATUS, MARYLAND, 1981

Age of Bride	All Marriages	PREVIOUS MARITAL STATUS			
		Never Married	Widowed	Divorced	Not Stated and Other
Total Marriages	47,128	31,383	1,784	13,900	61
Under 15	38	38	-	-	-
15 - 17	2,064	2,057	1	5	1
18 - 19	5,833	5,743	3	83	4
20 - 21	6,674	6,362	9	297	6
22 - 24	9,512	8,110	25	1,363	14
25 - 29	9,708	6,003	83	3,608	14
30 - 34	5,507	1,849	122	3,530	6
35 - 39	2,779	551	151	2,071	6
40 - 44	1,654	243	151	1,258	2
45 - 54	1,926	259	438	1,225	4
55 & Over	1,412	155	799	454	4
Unknown	21	13	2	6	-

TABLE 48. MARRIAGES BY AGE OF GROOM AND PREVIOUS MARITAL STATUS, MARYLAND, 1981

Age of Groom	All Marriages	PREVIOUS MARITAL STATUS			
		Never Married	Widowed	Divorced	Not Stated and Other
Total Marriages	47,128	30,458	1,726	14,902	42
Under 15	-	-	-	-	-
15 - 17	378	378	-	-	-
18 - 19	2,716	2,709	-	6	1
20 - 21	5,099	5,013	1	83	2
22 - 24	9,413	8,799	10	597	7
25 - 29	11,305	8,535	23	2,734	13
30 - 34	6,812	3,007	55	3,745	5
35 - 39	3,795	943	69	2,780	3
40 - 44	2,296	377	94	1,821	4
45 - 54	2,827	391	317	2,116	3
55 & Over	2,478	299	1,156	1,019	4
Unknown	9	7	1	1	-

TABLE 49. MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM, MARYLAND, 1981

Age of Groom	All Ages	AGE OF BRIDE										
		Under 15	15	16	17	18	19	20	21	22	23	24
Total	47,128	38	134	731	1,199	2,736	3,097	3,244	3,430	3,470	3,215	2,827
Under 15	1	-	-	-	-	-	-	-	1	-	-	-
15	4	-	3	-	1	-	-	-	-	-	-	-
16	76	3	8	25	21	12	5	-	-	1	1	-
17	298	8	22	75	77	60	25	13	5	4	-	1
18	1,015	7	38	147	188	316	168	49	33	24	12	9
19	1,701	4	22	132	249	474	360	223	89	49	29	17
20	2,314	7	10	101	215	506	487	426	218	112	65	47
21	2,785	3	10	76	126	397	481	505	453	269	172	77
22	3,121	4	3	46	102	268	417	464	560	501	283	139
23	3,260	1	4	39	73	169	331	391	487	610	437	249
24	3,032	1	2	18	42	146	208	311	369	446	463	356
25	2,774	-	3	22	32	86	159	213	303	345	397	353
26	2,477	-	2	10	14	82	106	176	220	232	271	330
27	2,261	-	1	9	14	51	94	111	176	202	213	240
28	2,007	-	1	7	10	30	54	86	118	149	198	205
29	1,786	-	1	5	13	38	42	63	96	99	131	165
30 - 34	6,812	-	1	12	13	66	115	153	207	294	370	438
35 - 39	3,795	-	2	4	5	25	24	40	61	98	115	129
40 - 44	2,296	-	1	2	2	4	14	11	16	18	30	42
45 - 49	1,608	-	-	-	1	2	3	6	8	4	16	19
50 - 54	1,219	-	-	1	-	3	3	-	3	6	6	6
55 & Over	2,478	-	-	-	1	1	-	2	6	7	4	5
Unknown	8	-	-	-	-	-	1	1	1	-	2	-

TABLE 49. MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM, MARYLAND, 1981 (CONTINUED)

Age of Groom	AGE OF BRIDE											
	25	26	27	28	29	30-34	35-39	40-44	45-49	50-54	55 & Over	Unknown
Total	2,430	2,209	1,879	1,680	1,510	5,507	2,779	1,654	1,127	799	1,412	21
Under 15	-	-	-	-	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-	-	-	-	-
16	-	-	-	-	-	-	-	-	-	-	-	-
17	1	2	2	-	-	3	-	-	-	-	-	-
18	6	3	6	-	4	2	2	1	-	-	-	-
19	10	6	7	10	1	12	5	-	1	-	1	-
20	37	25	13	13	6	19	3	1	2	-	-	1
21	55	48	26	16	16	41	8	-	-	1	2	3
22	95	65	47	29	22	60	12	2	1	-	1	-
23	143	94	53	40	28	88	18	3	1	-	-	1
24	224	120	84	67	41	101	20	11	-	-	1	1
25	264	183	107	89	60	121	26	6	2	1	1	1
26	248	228	160	96	74	179	38	7	2	-	1	1
27	235	243	188	124	95	204	43	10	4	3	1	-
28	208	173	198	167	104	217	57	18	4	2	-	1
29	169	154	155	131	123	313	66	19	3	-	-	-
30 - 34	489	541	524	504	524	1,845	529	142	34	4	2	5
35 - 39	155	203	201	259	236	1,187	707	252	65	18	8	1
40 - 44	55	73	67	87	112	601	541	394	153	46	26	1
45 - 49	20	24	26	34	39	298	360	339	255	108	43	3
50 - 54	9	12	10	5	19	137	180	226	268	211	114	-
55 & Over	7	12	5	9	6	79	164	222	332	405	1,210	1
Unknown	-	-	-	-	-	-	-	1	-	-	1	1

TABLE 50. MARRIAGES BY PREVIOUS MARITAL STATUS AND RESIDENCE OF BRIDE, MARYLAND, 1981

Resident Status of Bride	Marriages	PREVIOUS MARITAL STATUS OF BRIDE			
		Never Married	Widowed	Divorced	Not Stated and Other
Total Marriages	47,128	31,383	1,784	13,900	61
Resident Bride	36,161	24,826	1,184	10,103	48
Resident Groom	33,192	22,557	1,082	9,510	43
Nonresident Groom	2,969	2,269	102	593	5
Nonresident Bride	10,967	6,557	600	3,797	13
Resident Groom	1,320	879	67	372	2
Nonresident Groom	9,647	5,678	533	3,425	11

TABLE 51. MARRIAGES BY PREVIOUS MARITAL STATUS AND RESIDENCE OF GROOM, MARYLAND, 1981

Resident Status of Groom	Marriages	PREVIOUS MARITAL STATUS OF GROOM			
		Never Married	Widowed	Divorced	Not Stated and Other
Total Marriages	47,128	30,458	1,726	14,902	42
Resident Groom	34,512	22,855	1,129	10,498	30
Resident Bride	33,192	22,018	1,036	10,109	29
Nonresident Bride	1,320	837	93	389	1
Nonresident Groom	12,616	7,603	597	4,404	12
Resident Bride	2,969	2,169	108	690	2
Nonresident Bride	9,647	5,434	489	3,714	10

TABLE 52. MARRIAGES BY PREVIOUS MARITAL STATUS OF BRIDE AND GROOM, BY TYPE OF CEREMONY, MARYLAND, 1981

Resident Status of Groom	Marriages	PREVIOUS MARITAL STATUS OF BRIDE			
		Never Married	Widowed	Divorced	Not Stated and Other
Total Marriages	47,128	31,383	1,784	13,900	61
Never Married	30,458	25,358	313	4,768	19
Widowed	1,726	260	711	754	1
Divorced	14,902	5,759	759	8,373	11
Not Stated & Other	42	6	1	5	30
Religious Ceremonies	30,039	21,405	1,072	7,527	35
Never Married	20,697	17,835	164	2,684	14
Widowed	1,089	139	508	442	-
Divorced	8,237	3,428	400	4,400	9
Not Stated & Other	16	3	-	1	12
Civil Ceremonies	17,089	9,978	712	6,373	26
Never Married	9,761	7,523	149	2,084	5
Widowed	637	121	203	312	1
Divorced	6,665	2,331	359	3,973	2
Not Stated & Other	26	3	1	4	18

TABLE 53. MARRIAGES BY STATE OF RESIDENCE OF BRIDE AND GROOM, MARYLAND, 1981

State of Residence	Bride	Groom
Total	47,128	47,128
Maryland	36,161	34,512
Pennsylvania	3,033	3,173
Delaware	1,425	1,409
Virginia	1,267	1,539
West Virginia	919	987
District of Columbia	1,164	1,208
New Jersey	747	822
New York	522	632
Ohio	244	286
Florida	237	346
Other United States	1,247	2,011
Foreign Countries	162	203

DIVORCES

TABLE 54. ABSOLUTE DIVORCES AND ANNULMENTS BY LEGAL GROUNDS FOR DECREE, REGION, AND POLITICAL SUBDIVISION OF OCCURRENCE, 1981

Area of Occurrence	ABSOLUTE DIVORCES AND ANNULMENTS			LEGAL GROUNDS					
	Total	Absolute Divorces	Annulments	Voluntary Separation	Separation For Three Years	Desertion	Adultery	All Other*	Not Stated
Maryland State	17,150	17,083	67	12,379	2,693	1,016	822	240	-
Northwest Area	1,349	1,336	13	925	74	78	252	20	-
Garrett	89	89	-	65	3	2	19	-	-
Allegany	328	323	5	208	17	33	63	7	-
Washington	448	442	6	281	26	20	112	9	-
Frederick	484	482	2	371	28	23	58	4	-
Baltimore Metro Area	9,317	9,280	37	6,491	1,827	615	280	104	-
Baltimore City	3,959	3,942	17	2,286	1,266	278	86	43	-
Baltimore County	2,622	2,614	8	1,993	305	204	92	28	-
Anne Arundel	1,522	1,514	8	1,257	123	62	57	23	-
Carroll	293	292	1	227	38	13	12	3	-
Howard	351	351	-	290	40	12	6	3	-
Harford	570	567	3	438	55	46	27	4	-
National Capital Area	4,707	4,694	13	3,669	647	220	96	75	-
Montgomery	2,267	2,262	5	1,853	254	90	32	38	-
Prince George's	2,440	2,432	8	1,816	393	130	64	37	-
Southern Area	638	638	-	493	49	41	35	20	-
Calvert	116	116	-	89	7	8	9	3	-
Charles	306	306	-	249	27	12	14	4	-
Saint Mary's	216	216	-	155	15	21	12	13	-
Eastern Shore Area	1,139	1,135	4	801	96	62	159	21	-
Cecil	214	212	2	150	10	15	33	6	-
Kent	56	56	-	41	3	4	8	-	-
Queen Anne's	59	59	-	46	7	3	3	-	-
Caroline	86	86	-	64	9	2	10	1	-
Talbot	92	92	-	64	13	7	8	-	-
Dorchester	93	93	-	63	8	8	12	2	-
Wicomico	378	377	1	261	34	13	63	7	-
Somerset	61	60	1	33	4	5	18	1	-
Worcester	100	100	-	79	8	5	4	4	-

*Includes Incurable Insanity, Impotence, Imprisonment for Conviction of a Felony, and any Cause which Renders a Marriage Null and Void from the Beginning. All Annulments are Included.

TABLE 55. ABSOLUTE DIVORCES AND ANNULMENTS BY PARTY TO WHOM DECREE WAS GRANTED, THREE MARYLAND AREAS OF OCCURRENCE, 1981

Area of Occurrence	Total Number Granted	PARTY TO WHOM DECREE GRANTED		
		Husband	Wife	Not Stated
Maryland State	17,150	7,038	10,070	42
Baltimore City	3,959	1,671	2,279	9
Total Counties	13,191	5,367	7,791	33

TABLE 56. ABSOLUTE DIVORCES AND ANNULMENTS BY PLACE WHERE MARRIAGE WAS PERFORMED, THREE MARYLAND AREAS OF OCCURRENCE, 1981

Area of Occurrence	Total Number Granted	PLACE WHERE MARRIAGE WAS PERFORMED					
		Maryland	District of Columbia	Virginia	All Other U.S.	Foreign Countries	Not Stated
Maryland State	17,150	12,746	786	606	2,690	320	2
Baltimore City	3,959	3,386	30	90	397	55	1
Total Counties	13,191	9,360	756	516	2,293	265	1

TABLE 57. ABSOLUTE DIVORCES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE AT TIME OF DECREE, MARYLAND, 1981

Age at Time of Decree	Husband	Wife
Total Decrees	17,150	17,150
Under 20 years	33	181
20-24 years	1,312	2,473
25-29 years	3,607	4,289
30-34 years	4,019	3,654
35-39 years	2,827	2,459
40-44 years	1,878	1,476
45-49 years	1,203	954
50-54 years	805	546
55-59 years	477	312
60-64 years	256	156
65 years and over	216	110
Not stated	517	540

TABLE 58. ABSOLUTE DIVORCES AND ANNULMENTS BY NUMBER OF CHILDREN REPORTED UNDER 18 YEARS OF AGE AND DURATION OF MARRIAGE, MARYLAND, 1981

Number of Children Reported Under 18 Years of Age	Total Number Granted	DURATION OF MARRIAGE IN YEARS									
		Under 2	2-3	4-5	6-7	8-9	10-14	15-19	20-24	25 & Over	Not Stated
Total	17,150	532	2,235	2,665	2,213	1,925	3,267	1,843	1,178	1,258	34
None	7,867	434	1,656	1,585	1,109	737	786	280	390	879	11
1	4,614	64	477	798	687	645	954	379	384	214	12
2	3,175	17	52	209	331	420	1,132	687	249	74	4
3	865	6	6	23	50	80	267	332	68	28	5
4	184	-	2	7	6	13	60	67	21	7	1
5	21	-	-	-	-	-	6	12	2	1	-
6 or More	13	1	-	1	-	1	3	6	1	-	-
Not Stated	411	10	42	42	30	29	59	80	63	55	1

TABLE 59. ABSOLUTE DIVORCES AND ANNULMENTS BY NUMBER OF MARRIAGES OF HUSBAND AND NUMBER OF MARRIAGES OF WIFE, MARYLAND, 1981

Number of Marriages of Husband	Total	NUMBER OF MARRIAGES OF WIFE				
		One	Two	Three	Four or More	Not Stated
Total	17,150	13,402	2,606	400	70	672
One	13,093	11,800	1,107	110	18	58
Two	2,848	1,345	1,240	214	32	17
Three	409	136	199	58	13	3
Four or More	72	20	36	11	5	-
Not Stated	728	101	24	7	2	594

COMPARATIVE VITAL STATISTICS

TABLE 60. SELECTED NATALITY DATA BY RACE
FOR MARYLAND AND THE UNITED STATES, 1971-1981

BIRTH RATES*

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	16.3	17.2	15.2	16.2	21.2	24.7
1972	14.4	15.6	13.3	14.6	18.9	22.9
1973	13.2	14.9	12.1	13.9	17.3	21.9
1974	13.0	14.9	12.0	14.0	16.7	21.4
1975	12.8	14.8	11.7	13.8	16.8	21.2
1976	12.8	14.8	11.5	13.8	17.1	21.1
1977	13.5	15.4	12.2	14.4	18.0	21.9
1978	13.4	15.3	12.1	14.2	17.2	22.1
1979	13.8	15.9	12.5	14.8	18.0	22.8
1980	14.2	15.9	12.8	14.9	18.3	22.5
1981	14.5	15.8	13.0	14.8	19.0	22.0

FERTILITY RATES**

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	73.7	81.8	69.1	77.5	91.7	109.5
1972	63.8	73.4	60.2	69.2	77.1	100.3
1973	57.3	69.2	53.9	65.3	69.0	94.3
1974	55.6	68.4	52.6	64.7	65.5	91.0
1975	53.8	66.7	50.8	63.0	63.3	89.3
1976	53.1	65.8	49.5	62.2	64.4	87.6
1977	55.3	67.8	51.5	64.0	66.7	89.9
1978	54.1	66.6	51.3	62.7	61.6	89.3
1979	56.1	68.5	52.6	64.5	65.1	91.4
1980	57.4	68.4	53.9	64.7	66.4	88.6
1981	58.4	67.4	54.2	63.9	69.3	85.4

PERCENT OF BIRTHS OF LOW BIRTH WEIGHT

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	8.2	7.7	6.6	6.6	12.9	12.7
1972	7.6	7.7	5.9	6.5	12.4	12.9
1973	7.7	7.6	6.1	6.4	12.3	12.5
1974	7.8	7.4	6.1	6.3	12.3	12.3
1975	7.9	7.4	6.1	6.2	12.4	12.2
1976	7.8	7.3	5.8	6.1	12.5	12.1
1977	7.7	7.1	5.6	5.9	12.6	11.9
1978	7.8	7.1	5.7	5.9	12.3	11.9
1979	7.8	6.9	5.8	5.8	11.8	11.6
1980	8.1	6.8	6.0	5.7	12.6	11.5
1981	7.7	6.8	5.7	5.7	11.6	11.4

*Birth Rates are Per 1,000 Population.
**Fertility Rates are Per 1,000 Women Aged 15-44 Years.

TABLE 60. SELECTED NATALITY DATA BY RACE
FOR MARYLAND AND THE UNITED STATES, 1971-1981 (CONTINUED-2)

PERCENT OF BIRTHS TO UNMARRIED WOMEN

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	15.2	11.3	5.0	5.6	45.6	37.3
1972	16.2	12.4	5.3	6.0	47.7	40.3
1973	16.9	13.0	5.5	6.4	48.4	41.7
1974	17.5	13.2	6.0	6.5	48.2	42.7
1975	19.1	14.2	6.9	7.3	49.3	44.2
1976	20.3	14.8	7.4	7.7	51.0	45.2
1977	22.0	15.5	8.4	8.2	53.1	46.5
1978	23.2	16.3	9.2	8.7	54.2	47.6
1979	24.7	17.1	10.1	9.4	55.1	48.8
1980	25.7	18.4	11.5	11.0	55.3	48.5
1981	27.3	18.9	13.0	11.6	56.4	48.5

PERCENT OF BIRTHS OF FOURTH ORDER OR HIGHER

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	14.5	17.2	13.3	15.9	18.0	23.1
1972	12.3	15.4	11.4	14.3	15.0	20.5
1973	10.6	13.8	9.7	12.8	13.3	18.5
1974	9.5	12.3	8.8	11.3	11.6	16.6
1975	8.9	11.6	8.2	10.6	10.7	15.8
1976	8.1	11.1	7.4	10.1	9.9	15.2
1977	7.6	10.6	6.6	9.6	9.6	14.8
1978	7.5	10.3	6.7	9.4	9.5	14.4
1979	7.2	10.1	6.4	9.1	8.8	14.0
1980	6.5	9.8	5.6	8.8	8.5	13.9
1981	6.8	10.3	5.9	8.7	8.7	13.9

PERCENT OF BIRTHS WITH LATE* OR NO PRENATAL CARE

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	6.7	7.3	5.1	5.8	11.5	14.4
1972	6.0	6.9	4.3	5.6	10.8	13.1
1973	4.4	6.6	3.1	5.3	8.0	12.2
1974	3.9	6.2	2.8	5.1	6.8	11.2
1975	3.4	6.0	2.4	5.0	5.7	10.4
1976	3.4	5.7	2.5	4.8	5.6	9.8
1977	3.0	5.6	2.4	4.7	4.6	9.5
1978	2.9	5.4	2.2	4.5	4.5	9.1
1979	6.3	5.1	4.9	4.3	9.2	9.1
1980	3.5	5.0	2.6	4.1	5.3	8.4
1981	3.6	5.2	2.6	4.3	6.2	8.9

*Care beginning in the Third Trimester of Pregnancy. Excludes Not Stated or Not Reported.

TABLE 61. SELECTED MORTALITY DATA BY RACE
FOR MARYLAND AND THE UNITED STATES, 1971-1981

DEATH RATES*

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	8.1	9.3	8.0	9.4	8.5	9.2
1972	8.2	9.4	8.2	9.5	8.3	9.2
1973	8.1	9.4	8.2	9.4	7.8	9.1
1974	8.1	9.2	8.2	9.2	7.5	8.7
1975	7.8	8.9	8.0	9.0	7.1	8.3
1976	7.9	8.9	8.1	9.0	7.3	8.2
1977	7.8	8.8	8.0	8.9	6.8	8.1
1978	8.0	8.8	8.4	9.0	6.7	8.1
1979	7.8	8.7	8.2	8.8	6.5	7.9
1980	8.1	8.8	8.5	8.9	6.8	7.9
1981	8.0	N/A	8.4	N/A	6.8	N/A

INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	18.2	19.1	14.8	17.1	28.4	28.5
1972	16.4	18.5	14.2	16.4	23.0	27.7
1973	15.8	17.7	13.9	15.8	21.2	26.2
1974	15.9	16.7	14.1	14.8	20.7	24.9
1975	17.6	16.1	15.6	14.2	22.5	24.2
1976	17.3	15.2	13.7	13.3	25.7	23.5
1977	14.4	14.1	11.5	12.3	21.1	21.7
1978	14.4	13.8	11.5	12.0	20.9	21.1
1979	14.6	13.1	11.4	11.4	21.1	19.8
1980	14.1	12.6	11.4	11.0	19.7	19.1
1981	12.8	N/A	10.6	N/A	17.3	N/A

NEONATAL MORTALITY RATES PER 1,000 LIVE BIRTHS

Year	Total		White		All Other Races	
	Maryland	United States	Maryland	United States	Maryland	United States
1971	13.5	14.2	11.3	13.0	20.0	19.6
1972	12.0	13.6	10.6	12.4	16.1	19.2
1973	11.3	13.0	9.9	11.8	15.0	17.9
1974	11.9	12.3	10.6	11.1	15.5	17.2
1975	13.3	11.6	12.0	10.4	16.6	16.8
1976	13.1	10.9	10.4	9.7	19.8	16.3
1977	10.8	9.9	8.7	8.7	15.6	14.7
1978	11.0	9.5	8.7	8.4	16.0	14.0
1979	10.5	8.9	8.3	7.9	15.5	12.9
1980	10.2	8.5	8.2	7.5	14.4	11.5
1981	9.4	N/A	7.8	N/A	12.6	N/A

*Death Rates are Per 1,000 Population.

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